

University of Nevada, Reno presents the  
**11<sup>TH</sup> International Conference on Gambling and Risk-Taking**

June 12-16, 2000

Sponsored and Organized by

Institute for the Study of Gambling & Commercial Gaming  
College of Business Administration  
University of Nevada, Reno

## Acknowledgements

On behalf of the Institute for the Study of Gambling & Commercial Gaming, William R. Eadington, Director, and Judy A. Cornelius, Associate Director and Conference Coordinator, special thanks to those individuals and staff at the many university departments who helped with the multitude of details for this conference. Without their assistance, this conference would not be possible.

From the Institute for the Study of Gambling & Commercial Gaming:

Amy Huggins, Program Assistant  
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Richelle O'Driscoll and Connie Rehard, College of Extended Studies, Executive and Management Programs

# 11<sup>TH</sup> INTERNATIONAL CONFERENCE ON GAMBLING AND RISK-TAKING

## CONFERENCE PROGRAM

### MONDAY, JUNE 12, 2000

12:00 – 5:00 PM

Registration

All Premier Prefunction Area

7:00 – 8:30 PM

Opening Reception

319 Premier

### TUESDAY, JUNE 13, 2000

#### EARLY MORNING SESSION

8:30 – 10:15 AM

Opening Plenary Session

309-310 Premier

#### **William R. Eadington**

Institute for the Study of Gambling & Commercial Gaming

Opening Remarks and Introductions

#### **WHERE GAMBLING WILL TAKE US IN THE 21<sup>ST</sup> CENTURY**

Keynote Speakers:

#### **Gary Loveman**

President & Chief Operating Officer

Harrah's Entertainment, Inc.

**Propeller-Heads versus Exploding Volcanos: The Software Revolution in the Casino Gaming Business**

#### **Mark Dickerson**

Tattersall's Chair in Psychology

University of Western Sydney

**Psychological Research into Problem Gambling in the 21<sup>st</sup> Century**

#### **William R. Eadington**

Professor of Economics and Director

Institute for the Study of Gambling & Commercial Gaming, University of Nevada, Reno

## **What We Know and Don't Know about Gambling and Public Policy: Ongoing Challenges**

10:15-10:30 AM

Refreshment Break

All Premier Prefunction

### **Tuesday, June 13**

#### **Mid-Morning Concurrent Sessions**

10:30 – 12:00 PM

SESSION 1-A-2

305 South Concourse

#### **ASSESSING PROBLEM AND PATHOLOGICAL GAMBLING**

Moderator: **Henry Lesieur**, Massachusetts School of Professional Psychology and Problem Gambling Institute, Rhode Island

Papers:

**Renee M. Cunningham-Williams and Linda B. Cottler**

Washington University School of Medicine, St. Louis

The Development of the Gambling Assessment Module (GAM-IV): An Update

**Fadi Anjoul, Simon Milton, and Richard D. Roberts**

Department of Psychology, University of Sydney

An Empirical Investigation of DSM-IV Criteria for Pathological Gambling

**Barry Tolchard and Jane Oakes**

Centre for Anxiety and Related Disorders, Flinders Medical Centre, Australia

Evaluation of the Intensive Therapy Service for Problem Gamblers In-Patient Program

10:30 – 12:00 PM

SESSION 1-B-2

302 South Concourse

#### **UNDERSTANDING PROBLEM GAMBLING OVER TIME, AMONG PARTICULAR GROUPS, AND WITH VARIOUS MEASURES**

Moderator: **Ken Winters**, University of Minnesota

Papers:

**James R. Westphal**, Louisiana State University Health Sciences Center, Shreveport and **Lera**

**Joyce Johnson**, Centenary College of Louisiana, Shreveport

Is Problem Gambling a Transitional State?

**Kerry Sproston, Bob Erens**, The National Centre for Social Research, London, and **Jim Orford**, University of Birmingham, United Kingdom

A Comparison of Two Problem Gambling Screens: Results From A National Study

**Claudine Lepage, Robert Ladouceur, and Christian Jacques**

Université Laval, Québec, Canada

Prevalence of Problem Gambling among Community Service Users

10:30 – 12:00 PM

SESSION 1-C-2

303 South Concourse

**PROBLEM GAMBLING AND YOUTH: TRENDS AND PREDICTORS**

Moderator: **Elizabeth George**, North American Training Institute, Minnesota

Papers:

**Gerry Kolesar and Jaime Wiebe**

Addictions Foundation of Manitoba, Canada

Predictors of Youth Problem Gambling

**Durand F. Jacobs**

Loma Linda University Medical School, California

Juvenile Gambling in North America: An Analysis of Long Term Trends and Future Prospects

**Karen Hardoon, Rina Gupta and Jeffrey Derevensky**

McGill University, Canada

Correlates Associated with Adolescent and Young Adults Gambling Behavior: Social vs Pathological Gamblers

10:30 – 12:00 PM

SESSION 1-D-2

304 South Concourse

**CONCEPTUALIZING AND ESTIMATING BENEFITS AND COSTS OF PERMITTED GAMBLING**

Moderator: **Tom Harris**, University of Nevada, Reno

Papers:

**A. H. Barnett**, Auburn University, Alabama and **Douglas M. Walker**, Georgia College & State University

A Note on DUP Activities: Is Gambling One?

**James R. Westphal**, Louisiana State University Health Sciences Center, **Lera Joyce Johnson**, Centenary College of Louisiana, and **Lee Stevens**, Louisiana State University Health Sciences Center, Shreveport

A Methodology for Estimating Social Costs of Gambling Disorders

**Mark Nichols**, University of Nevada, Reno, **David Giacopassi**, University of Memphis, and **B. Grant Stitt**, University of Nevada, Reno

Casino Gaming and the Substitution Effect: Perceptions from New Casino Jurisdictions

10:30-12:00 PM

SESSION 1-E-2

301 South Concourse

## **LEGAL AND REGULATORY ISSUES DEALING WITH GAMBLING**

Moderator: **Joseph M. Kelly**, State University of New York College at Buffalo

Papers:

**Cory Aronovitz**, Piper Marbury Rudnick & Wolfe and **Donald Malloy**, Argosy Gaming Company, Chicago

Illinois Riverboat Gambling Act Revisited – June 1999

### **Robert Loeb**

Attorney, Chicago, and co-author, *Blackjack and the Law*

Know Your Customer vs Privacy Rights – Are Casinos Going Too Far?

### **I. Nelson Rose**

Whittier Law School, California, and co-author, *Blackjack and the Law*

Gambling and the Law® in the New Millennium

10:30 – 12:00 PM

SESSION 1-F-2

201 South Concourse

## **GAMES, BETS AND MATH**

Moderator: **Robert Hannum**, University of Denver, Colorado

Papers:

### **George Cochran**

Louisiana State University, Louisiana

A Reduced Markov Chain Analysis of the Flip-it Frog Feature

### **Donald E. Catlin**

University of Massachusetts, Amherst

High Country Poker – the Evolution of a Game

### **Edwin F. Meyer**

Balwin-Wallace College, Ohio and [www.sportsdatabase.com](http://www.sportsdatabase.com)

Who Wants to be a Millionaire? Mathematics of Risk Management

10:30 – 12:00 PM

SESSION 1-G-2

304 South Concourse

## **CASINO INDUSTRIES: CASE STUDIES**

Moderator: **Eugene Christiansen**, Christiansen Capital Advisors, Inc., New York

Papers:

### **Thomas Hamer**

Rowan University, New Jersey

Casino Mergers and Economic Concentration Issues: The Acquisition of Caesars by Park Place Entertainment in Atlantic City

### **Denise von Herrmann, Greg Bradley and John Brady**

University of Southern Mississippi – Gulf Park Campus

The Mississippi Study of Gaming for 2000 and Beyond

12:15 - 2:00 PM

**LUNCHEON, Studio A/B Foyers**

Featured Speaker: **Peter Collins, University of Cape Town**

**Ethical and Policy Considerations in Shaping Gaming Legislation and Regulation**

**Tuesday, June 13**

**Mid-Afternoon Concurrent Sessions**

2:15 - 3:45 PM

SESSION 1-A-3

301 South Concourse

**PREVALENCE RESEARCH AND BEYOND: NATIONAL STUDIES OF GAMBLING AND ITS IMPACT (PART 1)**

Moderator: **Rachel Volberg**, Gemini Research, Massachusetts

Participants:

**Max Abbott**, Auckland University of Technology and **Rachel Volberg**, Gemini Research – **New Zealand**

**Sten D. Rönnerberg**, Institute of Applied Behavior Analysis, Sweden, **Max Abbott**, Auckland University of Technology, and **Rachel Volberg**, Gemini Research – **Sweden**

**Paul Bellringer**, GamCare – **United Kingdom**

**Jason Azmier**, Canadian West Foundation, Alberta – **Canada**

**Dean Gerstein**, National Opinion Research Center, Washington, D.C. and **Rachel Volberg**, Gemini Research – **United States**

**Ralph Lattimore** and **Rob Phillips**, Productivity Commission – **Australia**

2:15 - 3:45 PM

SESSION 1-B-3

302 South Concourse

**FRIENDS AND FAMILY WHO ARE PROBLEM GAMBLERS: WHAT'S GOING ON? WHAT TO DO?**

Moderator: **Valerie Lorenz**, Compulsive Gambling Center, Inc., Baltimore

Papers:

**Helen Carrig**, Break Even Gambling Rehabilitation Service, **Philip Darbyshire** and **Candice Oster**, Adelaide Women's and Children's Hospital, Australia

When She Gambles It's like she's not my Mum: The Impact of Parental Problem Gambling on Children and Adolescents

**Alun C. Jackson, Lyndal Bond, George Patton, Shane A. Thomas and Johanna Wynn**  
University of Melbourne, Australia

The Impact of Gambling on Children and Adolescents in Victoria Australia

2:15 - 3:45 PM  
SESSION 1-C-3

303 South Concourse

**GAMBLING AND ITS SOCIAL CONSEQUENCES: WHAT IS THE EVIDENCE?**

Moderator: **Mark Nichols**, University of Nevada, Reno

Papers:

**George Ignatin and Brad Wilson**

University of Alabama, Birmingham

Turning Grindstones into Plowshares: Identifying the Crime/Gambling Matrix

**Charlene Sullivan and Seth Payton**

Purdue University and Indiana University

Gambling and Bankruptcy in Indiana

**David Miers**

Cardiff Law School, Cardiff University, United Kingdom

**The Good Cause Problem: Nineteenth and Twentieth Century Public Lotteries in Great Britain**

2:15 - 3:45 PM  
SESSION 1-D-3

203 South Concourse

**ECONOMIC & POLITICAL DIMENSIONS OF GAMBLING IN THE SOUTHERN U.S.**

Moderator: **Richard Thalheimer**, University of Louisville

Papers:

**John Lyman Mason and Michael Nelson**

Rhodes College, Tennessee

Gambling in Mississippi, Georgia and Tennessee: The Politics of State Policy Innovation

**Jeffrey Lowenhar**, Gaming Research, Inc. and **Brian Repsher**, Ameristar Casinos, Inc., Las Vegas

Winning and Losing in Mississippi and Louisiana 10 Years Later

**Janet F. Speyrer, Timothy P. Ryan**, University of New Orleans, **Susan T. Bell**, Louisiana State University, Shreveport, **Daryl V. Burckel**, McNeese State University, **Bobby R. Cunningham**, Grambling State University, **Loren C. Scott**, Louisiana State University, **Jerry L. Wall**, University of Louisiana at Monroe and **James R. Westphal**, LSU Medical Center-Shreveport, Louisiana

Economic Impact of Gambling in Louisiana

2:15 - 3:45 PM  
SESSION 1-E-3

305 South Concourse

**INDIAN GAMING COMMISSIONS AND REGULATORY ISSUES**

Moderator and Presenter: **Fredric Gushin**, Managing Director, Spectrum Gaming Group, New Jersey

Participants:

**Kevin O'Toole**, Executive Director, Onieda Indian Gaming Commission, New York  
**Norman DesRosiers**, Commissioner, Viejas Tribal Gaming Commission, California

2:15 - 3:45 PM  
SESSION 1-F-3

201 South Concourse

**STRATEGY AND STRUCTURE: OBSERVATIONS FROM CASINO GAMES**

Moderator: George Cochran, Louisiana State University

Papers:

**Régis Deloche and Fabienne Oguer**  
Université de Franche-Comté, France  
What Game is Going on Beneath Baccarat?

**Russell Barnhart**

Author, New York  
Banker's Strategy at Baccara chemin-de-fer, Baccara-en-banque, and Nevada Baccarat

**Hal I. Marcus**

Stickysoft Corp., Illinois  
New Blackjack Basic Strategy for Players who Modify their Bet Based on the Count

2:15 - 3:45 PM  
SESSION 1-G-3

203 South Concourse

**PERSPECTIVE ON THE IMPACTS OF VLTS AND GAMING MACHINES**

Moderator: **Garry Smith**, University of Alberta

Papers:

**Bruce Gates**  
Willamette University, Atkinson Graduate School of Management, Oregon  
Forecasting Income from Oregon's Megabucks Lottery

**Isabelle Giroux and Robert Ladouceur**

Université Laval, Québec, Canada  
A Profile of Video Lottery Terminal Gamblers

**Tony Schellinck, Tracy Schrans and Gordon Walsh**

Focal Research Consultants Ltd., Canada  
Video Lottery Gambling/EGMs: An Assessment of Stopping Rules on the Number of Winning Sessions and Amount Lost among Players

3:45 – 4:15 PM  
Refreshment Break

All Premier Perfunction Area

**Tuesday, June 13**  
**Late Afternoon Concurrent Sessions**

4:15 - 5:45 PM  
SESSION 1-A-4

301 South Concourse

**PREVALENCE RESEARCH AND BEYOND: NATIONAL STUDIES OF GAMBLING AND ITS IMPACT (PART 2)**

Moderator: Rachel Volberg, Gemini Research, Massachusetts

Participants:

**Max Abbott**, Auckland University of Technology and **Rachel Volberg**, Gemini Research – **New Zealand**

**Sten D. Rönnerberg**, Institute of Applied Behavior Analysis, Sweden, **Max Abbott**, Auckland University of Technology, and **Rachel Volberg**, Gemini Research – **Sweden**

**Paul Bellringer**, GamCare – **United Kingdom**

**Jason Azmier**, Canadian West Foundation, Alberta – **Canada**

**Dean Gerstein**, National Opinion Research Center, Washington, D.C. and **Rachel Volberg**, Gemini Research – **United States**

**Ralph Lattimore** and **Rob Phillips**, Productivity Commission – **Australia**

4:15 - 5:45 PM  
SESSION 1-B-4

302 South Concourse

**TREATMENT AND PREVENTION: GUIDELINES FOR HELPING PROBLEM GAMBLERS BEFORE AND AFTER THE FACT**

Moderator: **Rena M. Nora**, VA Southern Nevada Healthcare System, Las Vegas

Papers:

**Susan D. McLaughlin**

Connecticut Council on Problem Gambling

Treating More than Casualties: Embracing Prevention as Essential Part of the Continuum of Care

**Francine Ferland, Robert Ladouceur and Nadia Rhéaume**

Université Laval, Québec, Canada

Curriculum of Gambling Prevention Program for Youths

**Julian Taber**, Psychologist, Las Vegas, **Lori Rugle** and **Joanna Franklin**, Trimeridian, Inc.

The Trimeridian Treatment Guide: A Comprehensive Manual for Structuring Treatment for Pathological Gamblers and Their Families

4:15 - 5:45 PM  
SESSION 1-C-4

303 South Concourse

**COVERING ALL THE BASES: COMPREHENSIVE RESPONSIBLE GAMING PROGRAMS ACROSS VARIOUS SECTORS OF THE GAMING INDUSTRY**

Moderator: **Keith Whyte**, National Council on Problem Gambling, Inc., Washington, D.C.

Presenters:

**Marvin A. Steinberg**, Connecticut Council on Problem Gambling  
**Connie Jones**, Director of Responsible Gaming, Anchor Gaming  
**Diran Kludjian**, Senior Vice President, Global Cash Access

4:15 - 5:45 PM  
SESSION 1-D-4

304-305 South Concourse

### **CASINOS—THE ONGOING NEED TO PROTECT AGAINST MONEY LAUNDERING**

Participants:

**Fredric Gushin**, Managing Director, Spectrum Gaming Group, New Jersey  
**Leonard C. Senia**, Senior Policy Advisor, Financial Crimes Enforcement Network, U.S.  
Department of the Treasury

4:15 - 5:45 PM  
SESSION 1-E-4

201 South Concourse

### **TEACHING GAMBLING IN THE UNIVERSITY**

Moderator: **Donna J. Faria**, Johnson and Wales University, Rhode Island

Papers:

**Austin Norman and Ian G. Priestly**  
Victoria University of Technology, Australia  
Problem-Based Gambling Education – A Case Study

**Kathryn Hashimoto and Charles Gifford**  
University of New Orleans, Louisiana  
Casino Courses in Institutions of Higher Education: Current Status

**Barry Fritz**  
Quinnipiac College, Connecticut  
Teaching Undergraduates about Risk

4:15 - 5:45 PM  
SESSION 1-F-4

Grand Ballroom 123

### **THEORETICAL CONTRIBUTIONS TO THE MATHEMATICS OF BLACKJACK: THE LEGACY OF PETER GRIFFIN**

Moderator and Participant: **John Gwynn**, California State University, Sacramento

“Hail Peter,” **Dennis Conrad**, Raving Consultants, Reno

Participants:

**S.N. Ethier**, University of Utah  
**Olaf Vancura**, Mikohn Gaming Corporation, Las Vegas  
**Arnold Snyder**, RGE Publishing, Oakland  
**Hal I. Marcus**, Stickysoft, Corp., Illinois

**R. Michael Canjar**, University of Detroit Mercy, Michigan  
**Stanford Wong**, Pi Yee Press, La Jolla

4:15 - 5:45 PM  
SESSION 1-G-4

203 South Concourse

**IRRATIONALITY, BIASES, AND GAMBLING BEHAVIOR**

Moderator: **Michael Walker**, University of Sydney, Australia

Papers:

**Timothy A. Steenbergh, A. W. Meyers, R. K. May and J. P. Whelan**

University of Memphis, Tennessee

Development and Validation of a Self-Report Measure of Gambler's Irrational Beliefs

**Kenny Coventry and Anna Norman**

University of Plymouth, United Kingdom

Heuristics and Biases and Gambling Explanation: The Results of a Large-Scale Study

**Christian Jacques, Robert Ladouceur and Francine Ferland**

Université Laval, Québec, Canada

Does Increasing Gambling Accessibility lead to Increased Gambling? A Longitudinal Study

**Tuesday, June 13**

**SPECIAL EVENING SESSIONS**

6:15 – 8:00 PM  
SESSION 1-A-5

301 South Concourse

**THE JACOB'S GENERAL THEORY OF ADDICTION**

Moderator: **Robert W. Wildman II**, Clinical Psychologist, Reno

Participants:

**Durand Jacobs**, Loma Linda University Medical School, California

**Jeffrey Derevensky**, McGill University, Canada

**Rina Gupta**, McGill University, Canada

**Katherine Diskin**, Foothills Medical Centre and University of Calgary

**David Hodgins**, Foothills Medical Centre and University of Calgary

**Harold Wynne**, Wynne Resources, Canada

**Sharon Jackson**, Walter A. Slim Thorpe Recovery Centre, Alberta

6:15 – 8:00 PM  
SESSION 1-F-5

Grand Ballroom 123

**BLACKJACK AND CARD COUNTING: PAST, PRESENT, AND FUTURE**

Moderator: **Anthony Curtis**, Huntington Press, Las Vegas

Participants:

**Stanford Wong**, Pi Yee Press, La Jolla

**Arnold Snyder**, RGE Publishing, Oakland

**Olaf Vancura**, Mikohn Gaming Corporation, Las Vegas

**Robert Loeb**, Attorney and co-author, *Blackjack and the Law*, Chicago

8:00 – 8:30 PM

Grand Ballroom 123

### **THE FIRST CHURCH OF BLACKJACK**

#### **BLACKJACK BENEDICTION**

Presiding: **The Reverent Bishop Arnold Snyder**

Join the Reverent Bishop Arnold Snyder as he presides over The First Church of Blackjack for the fifth presentation at the International Conference on Gambling & Risk-Taking.

## **WEDNESDAY, JUNE 14**

### **Early Morning Concurrent Sessions**

8:30 - 10:00 AM

SESSION 2-A-1

301 South Concourse

#### **GAMBLING IN THE GOLDEN YEARS: BENEFICIAL OR DESTRUCTIVE?**

Moderator: **Marvin Steinberg**, Connecticut Council on Problem Gambling

Papers:

**Dennis McNeilly**

University of Nebraska Medical Center

Gambling among Older Adults: Recent Research Findings

**Elizabeth George**

North American Training Institute, Minnesota

Gambling Away the Golden Years: A Senior Citizen Compulsive Gambling Prevention and Education Program

**Jamie Wiebe and Gerry Kolesar**

Addictions Foundation of Manitoba, Canada

Gambling and Problem Gambling among Seniors in Manitoba

8:30 - 10:00 AM

SESSION 2-B-1

302 South Concourse

#### **LONGITUDINAL STUDIES OF PROBLEM AND PATHOLOGICAL GAMBLING**

Moderator: **Rachel Volberg**, Gemini Research, Massachusetts

Papers:

**David J. Hartmann and Arlen Gullickson**

Western Michigan University

Late 90s Estimates of Problem Gambling in Michigan

**Max Abbott**

Auckland University of Technology, New Zealand  
Studying Pathological Gambling over Time: The New Zealand Longitudinal Survey

**Alun C. Jackson, Shane A. Thomas, Neil Thomason and Tangerine A. Holt**

University of Melbourne, Australia  
Trends in Help-Seeking amongst Problem Gamblers: a Longitudinal Study of an Australian Population

8:30 - 10:00 AM

SESSION 2-C-1

303 South Concourse

**KIDS' GAMES: PLAYING FOR FUN OR FOR KEEPS?**

Moderator: **Durand Jacobs**, Loma Linda University School of Medicine, California

Papers:

**Valerie Lorenz**

Compulsive Gambling Center, Inc., Maryland  
Social Impacts of Pokemon™

**Richard Wood and Mark Griffiths**

Nottingham Trent University, United Kingdom  
Adolescent Accounts of the National Lottery: Findings from a Q-Study

**Paul M. Mason**

University of North Florida  
An Economic Assessment of Ticket Generating Games in Video Arcades: Underage Gambling Promotion

8:30 - 10:00 AM

SESSION 2-D-1

304 South Concourse

**ECONOMIC DIMENSIONS OF BETTING MARKETS**

Moderator: **Olaf Vancura**, Mikohn Gaming Corporation, Las Vegas

Papers:

**Julia A. Bennell and Johnnie E.V. Johnson**

University of Southampton, United Kingdom  
Beating the Market: Betting Strategies using Artificial Neural Networks

**Johnnie E.V. Johnson**, University of Southampton and **Alistair Bruce**, University of Nottingham, United Kingdom

Apportioning Responsibility for Betting Market Inefficiency between Bookmakers and Bettors

**David Edelman**

University of Wollongong, Australia  
Thoroughbred Racebetting Markets in Australia: An Academic's View of Betting, Handicapping, Private Bookmakers, and the TOTE

8:30 - 10:00 AM  
SESSION 2-E-1

305 South Concourse

**COMMUNITY ISSUES AND CASINO GAMING: IMPACTS AND PERCEPTIONS**

Moderator: **Douglas M. Walker**, Georgia College & State University

Papers:

**George W. Borden, Robert R. Fletcher, Thomas R. Harris and Jim Lopez**

University of Nevada, Reno

Tourism Economic Linkages between Laughlin, Nevada and Bullhead City

**Joseph M. Kelly**

State University of New York College at Buffalo

Casino in Rhode Island: A Viable Possibility?

**Grant Stitt and Mark Nichols**, University of Nevada, Reno and **David Gicacopassi**, University of Memphis, Tennessee

Community Satisfaction with Casino Gambling: An Assessment after the Fact

8:30 - 10:00 AM  
SESSION 2-F-1

201 South Concourse

**LEGALIZING GAMBLING IN SOUTH AFRICA: LESSONS FOR GOVERNMENT**

Moderator: **William R. Eadington**, Institute for the Study of Gambling & Commercial Gaming, University of Nevada, Reno

Participants:

**Peter Collins**, University of Cape Town

**Brian Kantor**, University of Cape Town

**Chris Fismer**, Chairman, South Africa National Gambling Board

**Sfiso Buthelezi**, CEO, South Africa National Gambling Board

8:30 - 10:00 AM  
SESSION 2-G-1

202 South Concourse

**GAMBLING: BELIEFS, MOTIVATIONS, AND EVIDENCE**

Moderator: **Tom Kavanagh**, University of California, Berkeley

Papers:

**Keis Ohtsuka**, Victoria University, Australia and **Thai Duong**, BreakEven-Barwon, Addiction Research Institute, Australia

Vietnamese-Australian gamblers' Views on Luck and Winning

**Felicia Campbell**

University of Nevada Las Vegas

Back to the Future: The Positive View of Gambling Today

**Emma Casey**

Clets The Business School, United Kingdom

Women Gamblers: Motivations and Experiences of those who Play the National Lottery in the UK

10:00 – 10:30 AM

Refreshment Break

All Premier Prefunction Area

**Wednesday, June 14**

**Mid-Morning Concurrent Sessions**

10:30 – 12:00 PM

SESSION 2-A-2

304 South Concourse

**THE PROBLEM GAMBLER WITH AN EMPHASIS ON MACHINE GAMBLING**

Moderator: **Randy Stinchfield**, University of Minnesota Medical School

Papers:

**Gordon Walsh, Tracy Scrans, and Tony Schellinck**

Focal Research Consultants Ltd., Nova Scotia

A Measure of Success: A Comparative Analysis of the Coping Strategies Used to Stop or Control Video Lottery Play

**Robert B. Breen**

Brown University, Rhode Island

Harm Reduction in Machine Gambling: How the Stimulus Situation Affects Impulsive Responding – Suggestions for “Impulse Control Re-Training”

**Dilek Türk**

IFT Institut für Therapieforschung, Munich

Risk Factors for the Development of Pathological Gambling in the Context of Slotmachine Gambling

10:30 – 12:00 PM

SESSION 2-B-2

302 South Concourse

**BIOLOGICAL AND PHYSIOLOGICAL ISSUES AND PROBLEM GAMBLING**

Moderator: **Alex Blaszczynski**, University of New South Wales, Australia

Papers:

**Angels Gonzalez-Ibanez, S. Jimenez-Murcia, MN. Aymami, P. Rosel, I. Moreno, J. Vallejo,**

Ciutat Saniaria I Universitaria de Bellvitge, and **J. Rada**, Hospital Sagrat Cor., Spain

The Involvement of Biological Factors in the Etiology of Pathological Gambling

**Gerhard Meyer**

University of Bremen, Germany

Casino Gambling Increases Heart Rate and Salivary Cortisol in Regular Gamblers

**Julia von Schinckel, Iver Hand and Helmut Peter**

Psychiatric University Hospital Eppendorf, Germany

Do Pathological Gamblers suffer from “Brain Block”? First Data from an Experimental Investigation

10:30 – 12:00 PM

SESSION 2-C-2

303 South Concourse

**GAMBLING CHARACTERISTICS AND BEHAVIOR OF SPECIFIC POPULATIONS**

Moderator: **Kenny Coventry**, University of Plymouth, United Kingdom

Papers:

**Chris Freethy**

BreakEven Problem Gambling Service, Australia

Targeting Harm Minimization approaches for Specific Community Groups

**Robert Culleton**

New Jersey Department of Health and Senior Services

New Jersey’s Problem Gamblers: Demographic Characteristics and Patterns of Substance Use Co-morbidity

**Pieter Remmers**

Jellinek Consultancy, The Netherlands

Why Should You Refuse Wealth? Leisure Activities, Participation in Games of Chance and Problem Gambling among Chinese in the Netherlands

10:30 – 12:00 PM

SESSION 2-D-2

301 South Concourse

**DEVELOPING NEW CASINO INDUSTRIES AROUND THE WORLD**

Moderator: **Eugene Christiansen**, Christiansen Capital Advisors, Inc., New York

Papers:

**Peter Collins**

University of Cape Town

Lessons from the Legalization of Gaming in South Africa: 1995-2000

**Victor Yi-Hsiung Sun**

Central Police University, Taiwan

A Study on the Legalization of Gambling in Taiwan

**Atam Uppal**

A2Z Consulting, Toronto

Gaming in South Asia: An Unexplored Opportunity

10:30 – 12:00 PM  
SESSION 2-E-2

305 South Concourse

**POLICIES AND IMPLICATIONS FOR INDIAN GAMING IN AMERICA**

Moderator: **Richard McGowan**, Harvard Medical School, Division on Addictions

Papers:

**William R. Eadington**

Institute for the Study of Gambling & Commercial Gaming, University of Nevada Reno  
Casual legalization: California and the Creation of a Significant Casino Industry

**Roger Dunstan**

State of California Research Bureau  
Economic Impact of Indian Gaming in California

**Katherine A. Spilde**

National Indian Gaming Association, Washington, D.C.  
Rich Indian Racism: The Uses of Indian Imagery in the Political Process

10:30 – 12:00 PM  
SESSION 2-F-2

202 South Concourse

**ANALYZING BETTING STRATEGIES**

Moderator: **George Ignatin**, University of Alabama, Birmingham

Papers:

**Ken Elliott**

KBEIICO, LLC, Maryland  
Determining Initial Bankroll Requirements for Hedge and Non-hedge Betting Systems

**David Forrest and Rob Simmons**

The University of Salford, United Kingdom  
The “Hot Foot” Phenomenon in Fixed-Odds Soccer Betting

**James Sundali**, University of Nevada, Reno and **Rachel Croson**, University of Pennsylvania  
The Gambler’s Fallacy versus the Hot Hand: Empirical Data from Casinos

10:30 – 12:00 PM  
SESSION 2-G-2

201 South Concourse

**CASINO MARKETING AND MANAGEMENT STUDIES**

Moderator: **Richelle O’Driscoll**, University of Nevada, Reno

Papers:

**Anthony F. Lucas and John T. Bowen**

University of Nevada, Las Vegas  
Casino Promotions: Are You Getting a Return on Your Investment?

**George G. Fenich and Kathryn Hashimoto**

University of New Orleans, Louisiana

A Comparison of Food and Beverage Operations before and after Development of Native American Casinos

**Dean M. Macomber**

Macomber International, Inc., Nevada

The Marketing Cycle of Demand Creation—Creating Awareness, Motivating Trial, and Spurring Repeat Visitation

**12:00 – 1:30 PM**

**LUNCHEON, 309-310 Premier**

Featured Speaker: **Richard Schuetz**, President, Schuetz, Inc., Las Vegas

**In Search of the Holy Grail in Las Vegas: Love and Addiction from Both Sides of the Table**

**Wednesday, June 14**

**Mid-Afternoon Concurrent Sessions**

2:00 - 3:30 PM

SESSION 2-A-3

201 South Concourse

**INTELLECTUAL DISABILITIES AND GAMBLING PROBLEMS**

Moderator: **Henry Lesieur**, Massachusetts School of Professional Psychology and Problem Gambling Institute, Rhode Island

Papers:

**Don Ozga and John H. Brown**

Mental Health Services, Saskatchewan, Canada

ADHD Screening of Adult VLT/Slot Machine Pathological Gamblers: Strategies for Identifying Treatment Issues and Targeting Community Prevention Programs

**Ashley Gordon, Stephen Grombridge and Fiona Campbell**

Life Activities, Inc., Australia

Gambling: Symptom or Cause: An Holistic Approach to Supporting Individuals with an Intellectual Disability

**Lori Rugle**, Trimeridian, Inc., Indiana and **Richard Rosenthal**, University of California, Los Angeles

Description of Personality Dimensions, Gambling Style and Psychiatric Comorbidity among Inpatient and Outpatient Pathological Gamblers: Implications for Subtyping and Treatment Matching

2:00 - 3:30 PM

SESSION 2-B-3

202 South Concourse

## **METHODOLOGICAL CHALLENGES IN DEALING WITH PROBLEM GAMBLING**

Moderator: **Lia Nower**, Washington University, Missouri

Papers:

**Lera Joyce Johnson**, Centenary College of Louisiana and **James R Westphal**, Louisiana State University

Effect of Requiring Life Impairment items for SOGS-RA and DSM-IVJ Scoring

**Karen Hardoon, Jeffrey L. Derevensky, Rina Gupta**

McGill University, Canada

Empirical Measures vs Perceived Gambling Severity: Clinical Implications for Adolescents

**Tracy Schrans, Tony Schellinck and Gordon Walsch**

Focal Research Consultants Ltd., Canada

A Survey of VL Gamblers and Identification of Problem VL Gamblers: Methodology Issues

2:00 - 3:30 PM

SESSION 2-C-3

301 South Concourse

## **RESPONSIBLE GAMBLING AND PUBLIC POLICY**

Moderator: **Pieter Remmers**, Jellinek Consultancy, The Netherlands

**David Miers**

Cardiff Law School, Cardiff University, United Kingdom

Responsible Gambling: A Game for Four Players

**Harold Wynne**, Wynne Resources, Edmonton, **Scott MacPherson** and **Andrew Oakes**, Ontario

Substance Abuse Bureau, Canada

Examining Problem Gambling Public Awareness Campaigns in North America

**Elizabeth George**

North American Training Institute, Minnesota

Addressing Responsible Gaming: An Eye on Technology

2:00 - 3:30 PM

SESSION 2-D-3

302 South Concourse

## **TAXATION, VIDEO GAMING AND OTHER TOPICS**

Moderator: **Roger Dunstan**, State of California Research Bureau, Sacramento

**Jannet Vreeland and John Mills**

University of Nevada, Reno

A Survey of State Gaming Tax Rates and Special Fees

**William Holmes**

Bill Holmes & Associates, Virginia

Electronic Video Devices: Historical Development and Significance of Accounting Features

**William N. Thompson**, University of Nevada, Las Vegas and **Frank L. Quinn**, Carolina  
Psychiatric Services, South Carolina  
The Video Gaming Machines of the Carolinas—Legal, Illegal, and somewhere in Between: A  
Socio-economic Cost Benefit Analysis

2:00 - 3:30 PM  
SESSION 2-E-3

303 South Concourse

**THE IMPACT OF GAMBLING ON PARTICULAR ETHNIC POPULATIONS**  
Moderator: **Katherine Spilde**, National Indian Gaming Association, Washington, D.C.

Papers:

**Dennis Wardman**

University of Calgary, Canada

Aboriginal Problem and Pathological Gambling: A Review of the Literature

**Julie Scott**

University of North London, United Kingdom

The Encounter between Traditional forms of Gambling and the Casino Sector: A Village Case  
Study in Northern Cyprus

**Edward Tanoi**

Pacific Islands Drug and Alcohol Services, New Zealand

Gambling in Pacific Island People's Lives

2:00 - 3:30 PM  
SESSION 2-F-3

304 South Concourse

**MATHEMATICAL ANALYSIS OF GAMES**  
Moderator: **Donald E. Catlin**, University of Massachusetts, Amherst

Papers:

**Olaf Vancura**

Mikohn Gaming Corporation, Las Vegas

Gambling R&D: Conceptualization and Development of a Casino Version of Yahtzee™

**Olaf Vancura**

Mikohn Gaming Corporation, Las Vegas

Optimal Strategy for the home game of Yahtzee™

**John M. Gwynn**

California State University Sacramento

Additional Results on Pai Gow

2:00 - 3:30 PM  
SESSION 2-G-3

305 South Concourse

## **RATIONAL THINKING AND THE GAMBLER**

Moderator: **Johnnie E.V. Johnson**, University of Southampton, United Kingdom

Papers:

**Mark Griffiths and Carolyn Bingham**

Nottingham Trent University, United Kingdom

Luck, Superstition and Beliefs: A Study of UK Bingo Players

**Steven Jefferson and Richard Nicki**

University of New Brunswick, Canada

Assessing Information Processing Biases in Video Lottery Terminal (VLT) Users

**Anthony Laurie and Kenny Coventry**

University of Plymouth, United Kingdom

Dissociation, Erroneous Perceptions during Gambling, and Loss of Control: The Results of Two Questionnaire Studies and the Development of a New Model

3:30 – 4:00 PM

Refreshment Break

All Premier Prefunction Area

## **Wednesday, June 14**

### **Late Afternoon Concurrent Sessions**

4:00 - 5:30 PM

SESSION 2-A-4

201 South Concourse

### **YOUTH GAMBLING: PREVALENCE AND PREVENTION**

Moderator: **Mark Griffiths**, Nottingham Trent University, United Kingdom

**Papers:**

**Lia Nower**, Washington University, Missouri, **Rina Gupta** and **Jeffrey L. Derevensky**, McGill University, Canada

Youth Gamblers and Substance Abusers: A Comparison of the Stress-Coping Styles and Risk-Taking Behaviors of Two Addicted Adolescent Populations

**Randy Stinchfield**

University of Minnesota

Prevalence of Gambling among Minnesota Public School Students from 1992 to 1998

**Francine Ferland, Robert Ladouceur and Christian Jacques**

Université Laval, Québec, Canada

Evaluation of a Gambling Prevention Program for Youths

4:00 - 5:30 PM

SESSION 2-B-4

203 South Concourse

### **CLINICIANS AND THE PROBLEM GAMBLER: STRATEGIES FOR EFFECTIVENESS**

Moderator: **Julian Taber**, Psychologist, Las Vegas

Papers:

**Adrian Scarfe**

GamCare, London

Clinical Implications for the Gambler–Counsellor Relationship when Working with the Conflicting Needs and Demands of the Problem Gambler

**Vin Glenn**

Adelaide Central Mission, Australia

Financial Counselling for Problem Gamblers: Can Therapists Work Without It?

**Steven Graybar**

University of Nevada, Reno

The Understandable Resistance to Understanding: A Rogerian Perspective on the Treatment of Addiction

4:00 - 5:30 PM

SESSION 2-C-4

202 South Concourse

**CONTROLLING ADVERSE IMPACTS FROM PERMITTED GAMING THROUGH REGULATION**

Moderator: **Dean Hestermann**, Harrahs Entertainment, Inc., Las Vegas

Papers:

**Richard McGowan**, Harvard Medical School, Division on Addictions, Massachusetts and **John F. Mahon**, Boston University

Gambling and Warning Labels: Rationale and Implications for the Gambling Industry

**John Mills and Jannet Vreeland**

University of Nevada, Reno

Suspicious Transactions: A Continuation of the Bank Secrecy Act

**Timothy A. Steenbergh, M. Taylor, J. P. Whelan, A. W. Meyers, R. K. May and K. Floyd**

The University of Memphis, Tennessee

Can Warning Labels Influence Gambling? An Examination of Odds Messages and Self-regulatory Information

4:00 - 5:30 PM

SESSION 2-D-4

303 South Concourse

**POLITICAL CONFLICT AND CHALLENGES BETWEEN PROVINCIAL AND LOCAL GOVERNMENT: CANADIAN PERSPECTIVES**

Moderator and Participant: **Mario Lee**, Social Planner, City of Vancouver

Participants:

**Jennifer Clarke**, Councillor, City of Vancouver, British Columbia

**Atam Uppal**, A2Z Consultants, Toronto

**Garry Smith**, University of Alberta

4:00 - 5:30 PM  
SESSION 2-E-4

302 South Concourse

**CHANGING LEGAL LANDSCAPES FOR GAMING IN EUROPE**

Moderator: **David Miers**, Cardiff Law School, Cardiff University, United Kingdom

Papers:

**Julie Scott**

University of North London, United Kingdom

Everything's Bubbling, but We Don't Know What the Ingredients are: Political and economic Implications of Casino Tourism Development in Northern Cyprus

**Dusan Luin**, Hoteli Igralnice In Turizem (HIT) and **Anton Gosar**, University of Ljubljana, Slovenia

Gambling in the Transitional States of Central Europe—The Case of Slovenia

4:00 – 5:30 PM  
SESSION 2-F-4

304-305 South Concourse

**BOOKMAKING: THE SECOND OLDEST PROFESSION AT THE START OF THE 21<sup>ST</sup> CENTURY**

Moderator: **Peter Ruchman**, Gambler's Book Club, Las Vegas

Participants:

**Arne Lang**, Handicapper, Author, Broadcaster, "Bookmaking—The Past"

**Scott Kamisky**, Senior Oddsmaker, Las Vegas Sports Consultants, "Present Day Oddsmaking"

**Joe Lupo**, Director of Race and Sports, Stardust Hotel & Casino, "Bookmaking at the Stardust Sports Book"

**Buzz Daly**, Publisher, *Player's Guide*, *Player's Choice*, "Off-Shore Sports Books"

**Kelso Sturgeon**, Author, Handicapper, Editor, Internet Marketing Director, 4JustOdds.com, "Bookmaking and Sports on the Internet"

4:00 – 5:30 PM  
SESSION 2-G-4

301 South Concourse

**CASINO DESIGN AND AESTHETICS**

Moderator: **Felicia Campbell**, University of Nevada, Las Vegas

Papers:

**Alan R. Hirsch**

Smell and Taste Treatment and Research Foundation, Ltd., Chicago  
Effects of Odor on Gambling and Risk Taking Behavior

**Laurens Tan**

Octomat and University of Western Sydney, Australia  
Languishing in Genre (As Always—Defying the Odds)

**David Kranes**

University of Utah

The Primal Player and the New-Millennium Casino

**Wednesday, June 14**

**SPECIAL EVENING SESSIONS AND EVENT**

5:45 – 7:15 PM  
SESSION 2-A-5

301 South Concourse

**TREATMENTS FOR PATHOLOGICAL GAMBLING**

Moderator: **Carol O’Hare**, Nevada Council on Problem Gambling

Papers:

**Lori Rugle**

Trimeridian, Inc., Indiana

Treatment Guidelines for Pathological Gambling

**Robert Ladouceur, Caroline Sylvain, Christian Jacques, Claude Boutin and Stella Lachance**

Université Laval, Québec, Canada

Cognitive Treatment of Pathological Gamblers: An Experimental Study

**Michael Walker, Simon Milton, and Fadi Anjoul**

University of Sydney, Australia

Deciding to Cut Back or Stop Gambling: Does Cognitive Therapy Help?

5:45 – 7:15 PM  
SESSION 2-B-5

302 South Concourse

**MORALITY, ETHICS, SOCIAL RESPONSIBILITY, AND GAMBLING**

Moderator: **Richard McGowan**, Harvard Medical School, Division on Addictions

Papers:

**Arthur S. Reber**

Brooklyn College, New York

On Ethical Issues, Public Morality, and Institutional Gaming

**Paul Bellringer**

GamCare, London

The Downside of Gambling & Social Responsibility

**Don Feeney**, Minnesota State Lottery and Paul Lauzon, Angus Reid Group, Calgary

Gambling Morality and Gambling Behavior

7:00 – 8:30 PM

**AUTHORS’ RECEPTION**

**319 Premier**

## **THURSDAY, JUNE 15**

### **Early Morning Concurrent Sessions**

8:30 - 10:00 AM

SESSION 3-A-1

201 South Concourse

#### **MAKING THE HELPLINE HELPFUL TO PROBLEM GAMBLERS**

Moderator: **Sue Cox**, Texas Council on Problem and Compulsive Gambling, Inc.

Papers:

**Adrian Scarfe**

GamCare, London

The Importance of Helpline Counselling in Relation to Impulsivity and Ambivalence in the Problem Gambler

**Richard Parr**

Gambling Problem Helpline, New Zealand

Creating value for clients of Gambling Problem Helpline—The New Zealand Experience

**Gerry Cooper**

Centre for Addiction and Mental Health, Canada

Online Assistance for Problem Gamblers: An Examination of Participant Characteristics and the Role of Stigma

8:30 - 10:00 AM

SESSION 3-B-1

202 South Concourse

#### **THE PSYCHOLOGY OF PROBLEM GAMBLING**

Moderator: **Gerhard Meyer**, University of Bremen, Germany

Papers:

**Iver Hand**

Psychiatric University Hospital Eppendorf, Germany

Pathological Gambling: The Negative State (Nest) Model Update

**Mark Dickerson, A. Hills, L. Shepherd, S. Hill and N. Mamone**

University of Western Sydney, Australia

Psychological Processes Associated with Impaired Control of Gambling Behaviour

**Robert Ladouceur**

Université Laval, Québec, Canada

Erroneous Perceptions Among Problem and Non-Problem Gamblers

8:30 - 10:00 AM  
SESSION 3-C-1

301 South Concourse

### **INSTITUTIONAL ISSUES AND PROBLEM GAMBLING**

Moderator: **Paul Bellringer**, GamCare, United Kingdom

Papers:

**Keith Whyte**, National Council on Problem Gambling, Inc., Washington, D.C. and **Joanna Franklin**, Trimeridian, Inc.

National Survey of Problem Gambling Funding and Parity Issues

**John Hannifin**

Problem Gambling Purchasing Agency, New Zealand

Risk Management: The Gaming Industry and Treatment Providers

**Violet Horvath**

Washington University, Missouri

Gambling and Mental Health Services

8:30 - 10:00 AM  
SESSION 3-D-1

302 South Concourse

### **ECONOMIC DIMENSIONS OF GAMING INDUSTRIES**

Moderator: **David Forrest**, The University of Salford, United Kingdom

Papers:

**Stephen W. Creigh-Tyte**, UK National Lottery and University of Durham and **Lisa Farrell**, University of Manchester, United Kingdom

Economic Aspects of the UK National Lottery

**Keith Schwer and Carrola Raob**

University of Nevada, Las Vegas

The Impact of the Asian Financial Crisis on Las Vegas Strip Baccarat Revenues

**Day-Yang Liu**

National Taiwan University of Science and Technology

An Empirical Study of Demand for Lottery—An Example of Taipei Metropolitan Area

8:30 - 10:00 AM  
SESSION 3-E-1

303 South Concourse

### **INTERNET GAMBLING**

Moderator: **Jerome Skolnick**, New York University

Papers:

**Anthony Cabot**, Lionel Sawyer & Collins, **Eugene Christiansen** and **Sebastian Sinclair**, Christiansen Capital Advisors, Inc., New York

The Internet: Gambling's Strongest Growth Market

**Joseph M. Kelly**

State University of New York College at Buffalo  
The Legal Framework of Internet Gambling

**Jan McMillen**

Australian Institute for Gambling Research  
Online Gambling: An Australian Perspective

8:30 - 10:00 AM  
SESSION 3-F-1

304 South Concourse

**SPORTS BETTING AND SOCIAL WAGERS: LOOKING AT THE EVIDENCE**

Moderator: **James Sundali**, University of Nevada, Reno

Papers:

**Garry Smith**, University of Alberta and Robert Paley, Kananaskis Golf Resort, Canada  
Par for the Course: A Study of Gambling on the Links

**Richard O. Davies**

University of Nevada, Reno  
Legal Sports Wagering in Nevada; An Historical Perspective

**Jeremiah Weinstock, James P. Whelan and Andrew W. Meyers**

The University of Memphis  
Gambling Among Collegiate Athletes and Non-Athletes: Is There Much Action Off the Field?

8:30 - 10:00 AM  
SESSION 3-G-1

305 South Concourse

**DOES GAMBLING AFFECT GENIUS? VIEWS FROM THE PAST AND PRESENT**

Moderator: **Dave Schwartz**, University of California, Los Angeles

Papers:

**Thomas Kavanagh**

University of California, Berkeley  
Voltaire: The *Philosophe* as Gambler

**Emery H. Trowbridge**

The University of New Hampshire  
The Influence of Gambling on the Academic Performance of Students at the University of New Hampshire

**Guenther G. Bauer**

Institute for Research and Education in Play and Games, Austria  
Was Mozart Ruined By Gambling?

10:00 – 10:30 AM  
Refreshment Break

All Premier Prefunction Area

## **Thursday, June 15**

### **Mid-Morning Concurrent Sessions**

10:30 AM - 12:00 PM  
SESSION 3-A-2

201 South Concourse

#### **CONCEPTUALIZING PROBLEM AND PATHOLOGICAL GAMBLING**

Moderator: **Jeffrey J. Marotta**, University of Nevada, Reno

Papers:

**Linda Chamberlain and Bill McCown**

Regis University, Denver

Best Possible Odds: Contemporary Treatment Strategies for Gambling Disorders

**Grace M. Leung**

Mind Matters, United Kingdom

Personal Meanings of Compulsive Gambling—A Case Illustration

**Cesar A. Sanchez-Bello**

Latinoamerican Psychiatric Association, Venezuela

Towards and Integral Vision in the Understanding and Treatment Pathological Gambling

10:30 AM - 12:00 PM  
SESSION 3-B-2

302 South Concourse

#### **YOUTHS AT RISK AND GAMBLERS AT RISK FOR SUICIDE**

Moderator: **Robert Ladouceur**, Université Laval, Québec

Papers:

**Ken Winters**

University of Minnesota

Youth Gambling: Transition from Adolescence to Young Adulthood

**Lia Nower**, Washington University, Missouri, **Rina Gupta** and **Jeffrey L. Derevensky**, McGill University, Canada

Taking Risks: A Comparison of Impulsivity and Sensation Seeking Among Youth Gamblers

**Sue Cox**

Texas Council on Problem and Compulsive Gambling

Using the Commonalities of Risk Factors for Problem Gamblers with the Risk Factors of Suicide to Create Suicide Prevention Programs

10:30 AM - 12:00 PM  
SESSION 3-C-2

301 South Concourse

**GAMING DEVICES, DESIGN ISSUES, AND PROBLEM GAMBLING**

Moderator: **Iver Hand**, Psychiatric University Hospital Eppendorf, Germany

Papers:

**Robert B. Breen**

Brown University, Rhode Island

Rapid Onset of Pathological Gambling in Machine Gambling Compared to other Forms

**Denis Côté, Anne Caron, Jonathan Aubert, Véronique Desrochers and Robert Ladouceur**

Université Laval, Québec, Canada

Near Wins Prolong Gambling on a Video Lottery Terminal

**Tracy Schrans, Tony Schellinck and Gordon Walsh**

Focal Research Consultants Ltd., Canada

Spinning Out of Control: The Problem Video Lottery Gambler Analysis from the 1997/98 Nova Scotia Video Lottery Players Survey

10:30 AM – 12:00 PM  
SESSION 3-D-2

202 South Concourse

**GAUGING THE ECONOMIC IMPACTS OF PERMITTED CASINOS**

Moderator: **Mark Nichols**, University of Nevada, Reno

**Thomas R. Harris, Rangesan Narayanan and Ryan Blood**

University of Nevada, Reno

Relationship of Non-Basic Sector Income Growth and the Gaming Sector

**Anton Gosar**

University of Ljubljana, Slovenia

Gaming as a Leisurely Activity in Slovenia, Europe

**Richard Thalheimer and Muktar Ali**

University of Louisville, Kentucky

An Economic Analysis of Casino Gaming in the Midwest

10:30 AM - 12:00 PM  
SESSION 3-E-2

303 South Concourse

**WHAT CAN WE LEARN FROM GOVERNMENT SPONSORED STUDIES OF GAMBLING IMPACTS?**

Moderator: **William R. Eadington**, Institute for the Study of Gambling & Commercial Gaming, University of Nevada, Reno

Papers:

**Jan McMillen**

Australian Institute for Gambling Research

USA and Australia: Chalk and Cheese? A Comparative Analysis of National Commission  
Inquiries into Gambling

**Lance deHaven-Smith and Dena Hurst**

Florida State University

A Summary of the Work Program and Conclusions of the National Public Sector Gaming Study  
Commission

**John L. Krauss and Laura Littlepage**

Indiana University

The Social, Fiscal and Economic Impacts of Legalized Gambling in Indiana: An Overview

10:30 – 12:00 PM

SESSION 3-F-2

304 South Concourse

**BEATING THE SPREAD AND FINDING THE EDGE: QUANTITATIVE STUDIES OF  
SPORTS BETTING**

Moderator: **Leighton Vaughan Williams**, The Nottingham Trent University, United Kingdom

Papers:

**James D. Brownlow**

Palmdale, California

Wagering Against the Line in Pro Football: A Comparison of Various System Models Using the  
Continuous to Discrete Kalman Filter

**W.S. Mallios**

California State University, Fresno

The Anatomy of Sports Forecasting

**George Ignatin and Ted Bos**

University of Alabama, Birmingham

Rating the Rating Systems: A Comparison of Football and Basketball Models

10:30 – 12:00 PM

SESSION 3-G-2

305 South Concourse

**LEGAL AND PERFORMANCE ISSUES AND THE CASINO INDUSTRY**

Moderator: **Jannet Vreeland**, University of Nevada, Reno

Papers:

**Aikaterine Vervilos**

UNLV William S. Boyd School of Law

Pari-Mutuel Account Wagering across State Lines: An Analysis under Federal and State  
Gambling Laws

**Jeffrey J. Sallaz**

University of California-Berkeley

The House Rules: Managing Worker-Client Interactions in the Gaming Industry

**John Mills and Lynn Bible**

University of Nevada, Reno

Developing Cash Flow Ratio Norms for the Gaming Industry

12:00 – 1:30 PM

**LUNCHEON, 313 & 316 Premier**

Featured Speaker: **Jerome Skolnick**, New York University

**The Metamorphosis of American Casino Gambling: From Stigma to Economic Savior**

**Thursday, June 15**

**Mid-Afternoon Concurrent Sessions**

2:00 to 3:30 PM

SESSION 3-A-3

301 South Concourse

**PROBLEM GAMBLING AND YOUTH: CHARACTERISTICS AND STRATEGIES**

Moderator: **Robert Culleton**, New Jersey Department of Health and Senior Services

Papers:

**Jeffrey L. Derevensky**

McGill University, Canada

From Research to Treatment: An Examination of Adolescents with Gambling Problems

**Rina Gupta**

McGill University

Youth Problem Gamblers: The Importance of Coping Skills

**Jennifer Langhinrichsen-Rohling**, University of South Alabama and **Martin L. Rohling**,

Memorial Hospital, Mississippi

Gender Differences in the Psychological Predictors of Young Adults' Problem Gambling

2:00 to 3:30 PM

SESSION 3-B-3

201 South Concourse

**STUDIES ON GENDER DIFFERENCES AMONG GAMBLERS**

Moderator: **Max Abbott**, Auckland University of Technology, New Zealand

Papers:

**Martin L. Rohling**

Memorial Hospital at Gulfport, Mississippi

Gender Differences in Young Adults' Perceptions of the Risks and Benefits of Gambling

**Susan D. McLaughlin, Marvin A. Steinberg, Dawn A. Hemstock**, Connecticut Council on

Problem Gambling, **Marc N. Potenza, Ran Wu, Elaine T. LaVelle, Bruce J. Rounsaville,**

**Stephanie S. O'Malley**, Yale University School Of Medicine, Connecticut

Gender Differences in Disordered Gamblers

**James R. Westphal**, Louisiana State University Health Sciences Center, **Lera Joyce Johnson**, Centenary College of Louisiana, and **Lee Stevens**, Louisiana State University Health Sciences Center, Shreveport  
Sex Differences in Social Costs of Gamblers in Treatment

2:00 to 3:30 PM

**SESSION 3-C-3**

303 South Concourse

**POLICY ISSUES AND STRATEGIES REGARDING PROBLEM GAMBLING**

Moderator: **Marvin Steinberg**, Connecticut Council on Problem Gambling

Papers:

**Keith Whyte**

National Council on Problem Gambling, Inc., Washington, D.C.

Insurance Parity for Pathological Gambling: Current Issues and Policy Implications

**Bo Bernhard**

University of Nevada, Las Vegas

The Charitable Problem Gambling Treatment Center: New Directions for the Intensive Outpatient Program

**Peter Collins**

University of Cape Town

Lessons from a Study of Problem Gambling in the Western Cape Province of South Africa Conducted in 1999

2:00 to 3:30 PM

**SESSION 3-D-3**

304 South Concourse

**INTER-INDUSTRY COMPETITION AMONG GAMING INDUSTRIES**

Moderator: **Richard Thalheimer**, University of Louisville, Kentucky

Papers:

**Bruce Curtis**

The University of Auckland, New Zealand

State Licensing and the Marginalization of Charitable Gambling in New Zealand

**Douglas M. Walker**, Georgia College & State University and **Samita Malik**, University of Virginia

Legalized Casino Gambling and the Fate of the Horse and Greyhound Racing Industries

**Jeff Dense**

University of Massachusetts Dartmouth

The Impact of Casino Legalization on State Lotteries: Implications for Public Finance

2:00 to 3:30 PM

**SESSION 3-E-3**

305 South Concourse

## **IS GAMBLING STILL A VICE? PERCEPTIONS AND REALITIES IN DIFFERENT CULTURES**

Moderator: **I. Nelson Rose**, Whittier Law School, California

Papers:

**Terry Austrin**

University of Canterbury, New Zealand

Gambling, Information and Images: Regulation and Representation in Media Saturated Worlds

**Garry Smith**, University of Alberta and **Harold Wynne**, Wynne Resources, Canada

Gambling and Crime in Western Canada: Exploring Myth and Reality

**John Dombrink**

University of California, Irvine

Gambling's Status Among the Vices in the United States in 2000—A Revisit

2:00 to 3:30 PM

SESSION 3-F-3

302 South Concourse

### **GAMBLER'S RUIN AND OPTIMIZING STRATEGIES**

Moderator: **Hal I. Marcus**, Stickysoft, Corp., Illinois

Papers:

**R. Michael Canjar**

University of Detroit Mercy, Michigan

Gambler's Ruin Revisited: The Effects of Skew and Large Jackpots

**George Cochran**

Louisiana State University, Louisiana

Dynamic and Fractional Programming in the Analysis of Games with Strategy

**S.N. Ethier and Dave Khoshnevisan**

University of Utah

Bounds on Gambler's Ruin Probabilities in Terms of Moments

2:00 to 3:30 PM

SESSION 3-G-3

202 South Concourse

### **SOCIAL CONSEQUENCES OF INTERNET GAMBLING**

Moderator: **Sebastian Sinclair**, Christiansen Capital Advisors, Inc., New York

Papers:

Hans Kolman

Holland Casino, The Netherlands

Problem Gambling on the World Wide Web

**Mark Griffiths**

Nottingham Trent University, United Kingdom

Internet Gambling: Preliminary Results of the First UK Prevalence Study

**Pieter Remmers**

Jellinek Consultancy, The Netherlands

Responsible Gaming—More than 10 years of Experience: An Update and New Directions—  
Responsible Gaming on the Internet?

2:30 - 3:00PM

Refreshment Break

All Premier Prefunction Area

**Thursday, June 15**

**Late Afternoon Concurrent Sessions**

4:00 - 5:30 PM

SESSION 3-A-4

301 South Concourse

**NATURAL RECOVERY AND PROBLEM GAMBLING**

Moderator: **Harold Wynne**, Wynne Resources, Alberta, Canada

Papers:

**Jeffrey J. Marotta**

University of Nevada, Reno

Exploring Natural Recovery from Gambling Problems

**Shane A. Thomas, Alun C. Jackson and Neil Thomason**

University of Melbourne, Australia

Natural Recovery in Problem Gamblers: Lessons for Service Design and Treatment Models

**David C. Hodgins**

Foothills Medical Centre and University of Calgary

Promoting the Natural Recovery Process Through Brief Intervention

4:00 - 5:30 PM

SESSION 3-B-4

201 South Concourse

**GAMBLING ISSUES RELATED TO YOUTH, FAMILY AND PERSONALITY**

Moderator: **Rena M. Nora**, VA Southern Nevada Healthcare System, Las Vegas

**Keis Ohtsuka**, Victoria University, Australia and **Susan Moore**, Swiburne University of  
Technology, Australia

Leisure Activities and Youth Gambling

**Richard Wood and Mark Griffiths**

Nottingham Trent University, United Kingdom

Family Lottery Gambling and the Implications of Web Based Lotteries

**Rohan Miller**, University of Queensland, Australia and **Richard Mizerski**, University of  
Western Australia

Towards a Framework for Adolescent Gambling Adoption

4:00 - 5:30 PM  
SESSION 3-C-4

202 South Concourse

**PSYCHOMETRICS AND THE GAMBLING PERSONALITY**

Moderator: **Jeffrey Lowenhar**, Gaming Research, Inc., Las Vegas

Papers:

**Ryan K. May, J. P. Whelan, T. A. Steenbergh and A. W. Meyers**

University of Memphis, Tennessee

The Psychometric Properties of the Gambling

Self-Efficacy Questionnaire: an Initial Evaluation

**Norman Kruedelbach and Harriet I. Walker**

Louis Stokes Cleveland Veterans Affairs Medical Center, Ohio

Gambling subtypes: Psychometric data and illustrative case studies

**Karen Feasel and Lawrence Jones**

University of Illinois

New Directions for Research on Personality and Gambling

4:00 - 5:30 PM  
SESSION 3-D-4

304 South Concourse

**MODELLING FISCAL AND ECONOMIC IMPACTS OF GAMING AT THE STATE LEVEL**

Moderator: **Douglas M. Walker**, Georgia College & State University

Papers:

**A. Leslie Burns and Emery H. Trowbridge**

The University of New Hampshire

An Impact Assessment of Proposed Video Slot Machine Gambling in New Hampshire

**Michael Walker and Sylvana Sturevska**

University of Sydney, Australia

The Popularity of Voluntary Tax Machines (VTMs) in New South Wales

**Jeff Dense**

University of Massachusetts, Dartmouth

State Lotteries and Public Finance: A look at the Evidence from Massachusetts

4:00 - 5:30 PM  
SESSION 3-E-4

305 South Concourse

**SHOULD NEVADA AND THE UNITED STATES EMBRACE INTERNET GAMBLING?**

Moderator: **Anthony Cabot**, Lionel, Sawyer & Collins, Las Vegas

Participants:

**Peter Collins**, University of Cape Town

**Jan McMillen**, Australian Institute for Gambling Research, University of Western Sydney

**Sebastian Sinclair**, Christiansen Capital Advisors, Inc., New York

**Sue Schneider**, River City Group LLC, Missouri

4:00 - 5:30 PM

SESSION 3-F-4

301 South Concourse

### **FACTORS AFFECTING THE DEMAND FOR LOTTERY PRODUCT**

Moderator: **Stephen W. Creigh-Tyte**, UK National Lottery and University of Durham, United Kingdom

Papers:

**David Forrest and Rob Simmons**

The University of Salford, United Kingdom

Buying a Dream: Alternative Models of the Demand for Lotto

**Richard Mizerski**, University of Western Australia, **Kate Mizerski**, Edith Cowan University, and **Rohan Miller**, University of Queensland, Australia

Fitting a Stochastic Consumption Model to Lotto: Some Implications

**Roger Dunstan**

State of California Research Bureau, Sacramento

Demographic Profile of Lottery Sales and Customers in California

4:00 - 5:30 PM

SESSION 3-G-4

302 South Concourse

### **CONCEPTUAL STUDIES OF SPORTS BETTING AND LOTTERY**

Moderator: **William S. Mallios**, University of California, Fresno

Papers:

**Richard Paulson**

St. Cloud State University, Minnesota

An Examination of a Teaser Wagering Strategy

**Day-Yang Liu**

National Taiwan University of Science and Technology

On the Terms in Prize Structure of Taiwan's Instant Lottery

**Peter Tannenbaum**

California State University, Fresno

A Mathematical Toolkit for Handicapping a Championship Series

# FRIDAY, JUNE 16

## Early Morning Concurrent Sessions

8:30 to 10:00 AM

SESSION 4-A-1

303 South Concourse

### **RISK FACTORS AND TREATMENTS FOR PATHOLOGICAL GAMBLING**

Moderator: **Alun C. Jackson**, University of Melbourne, Australia

Papers:

**Mark Zimmerman and Robert Breen**

Brown University School of Medicine, Rhode Island

An Open-Label Study of Citalopram in the Treatment of Pathological Gambling

**Rena M. Nora**, VA Southern Nevada Healthcare System, Las Vegas, and **Edward E. Johnson**,

University of Medicine and Dentistry of New Jersey, Robert Wood Johnson Medical School

Risk Factors for Pathological Gambling in the Elderly

**Ellie Robson, Joy Edwards**, Capital Health Region, Alberta, and **Garry Smith**, University of Alberta

Gambling Decisions: An Early Intervention Control Gambling Program

8:30 – 10:00 AM

SESSION 4-B-1

201 South Concourse

### **MULTIPLE ADDICTIONS AND GAMBLING**

Moderator: **Mark Griffiths**, Nottingham Trent University, United Kingdom

Papers:

**Cam Melville, Boddie Kamrani, Carolyn S. Davis**

McNeese State University, Louisiana

Gambling in Individuals with Co-Occurring Mental and Substance Disorders

**Marvin Steinberg, Susan D. McLaughlin, Dawn A. Hemstock**, Connecticut Council on

Problem Gambling, **Marc N. Potenza, Ran Wu, Elaine T. LaVelle, Bruce Rounsaville** and

**Stephanie S. O'Malley**, Yale University School of Medicine

Disordered Gambling and Excessive Tobacco Use: Addiction Spectrum Behaviors?

**Mark Zimmerman and Jill I. Mattia**

Brown University School of Medicine, Rhode Island

Pathological Gambling in Psychiatric Outpatients: Prevalence, Co-morbidity, Demographic and Clinical Correlates

8:30 - 10:00 AM

SESSION 4-C-1

301 South Concourse

## **LAS VEGAS IN FACT AND FICTION**

Moderator: **Howard Schwartz**, Gambler's Book Club, Las Vegas

Papers:

**David Schwartz**

University of California, Los Angeles

Welcome To Paradise: Creating the Las Vegas Strip, 1941-1950

**Peter Ruchman**

Gambler's Book Club, Las Vegas and author, *After the Gold Rush: The Rise and Fall of Gambling's Glory in America, volumes 1-3*

The Current State of Sports Betting in Las Vegas

**Pauliina Raento**

University of Nevada, Reno

Las Vegas in Fiction: The Making of a Unique Sense of Place

8:30 - 10:00 AM

SESSION 4-D-1

304 South Concourse

## **WRITING ABOUT NEVADA: OBSERVATIONS ON A REGULATORY PROCESS**

Moderator: **William R. Eadington**, Institute for the Study of Gambling & Commercial Gaming, University of Nevada, Reno

Papers:

**Jeff Burbank**, *Las Vegas Business Magazine*, and author *License to Steal*, forthcoming

University of Nevada Press

**W.A. Galston**, Galston Associates, United Kingdom

**Shannon Bybee**, University of Nevada, Las Vegas

8:30 – 10:00AM

SESSION 4-E-1

305 South Concourse

## **RACING AND BETTING: NEW PRODUCTS AND NEW TECHNOLOGIES**

Moderator: **Rob Simmons**, The University of Salford, United Kingdom

Papers:

**J. Shannon Neibergs and Robert G. Lawrence**

University of Louisville, Kentucky

Pari-mutuel Racing's Use of the Internet and In-Home Wagering Market: A Review of Current Market Conditions

**William Thompson**

University of Nevada, Las Vegas

Gaming Machines, Racetracks, and the Public Interest

8:30 - 10:00 AM

SESSION 4-F-1

302 South Concourse

## UNDERSTANDING THE ECONOMIC DIMENSIONS OF CASINOS

Moderator: **Christian Marfels**, Dalhousie University, Canada

Papers:

**Jan McMillen**

Australian Institute for Gambling Research

Casino Impacts: Testing the Myths, Promises and Fears

**Jonathan B. Taylor**, Harvard Project on American Indian Economic Development, Udall Center for Studies on Public Policy, University of Arizona, and Lexecon Inc., Massachusetts; **Matthew B. Krepps**, European Institute of Business Administration, and **Patrick Wang**, Lexecon Inc., Massachusetts

The National Evidence on the Socioeconomic Impacts of American Indian Gaming on Non-Indian Communities

10:00 – 10:30AM

Refreshment Break

Vista Ballroom

## Friday, June 16

### Mid-Morning Concurrent Sessions

10:30 – 12:00 PM

SESSION 4-A-2

301 South Concourse

### GAMBLING AND SUICIDE: SUICIDALITY RISK FACTORS IN PROBLEM GAMBLING

Moderator: **Sue Cox**, Texas Council on Problem and Compulsive Gambling

Papers:

**Alex Blaszczynski**, University of New South Wales, Australia and **Fiona Maccallum**, South Western Sydney Area Health Service

Suicidality Risk Factors in Problem Gambling

**Christian Marfels**

Dalhousie University, Canada

Gambling and Suicide: Evidence from the Las Vegas Market

**Mark Scurrah, Malcolm Battersby, and Barry Tolchard**

Department of Psychiatry, Flinders Medical Centre, Australia

Pathological Gambling and Suicidal Ideation and Behaviour

10:30 – 12:00 PM

SESSION 4-B-2

302 South Concourse

### PROBLEM GAMBLING AMONG VARIOUS POPULATION SUB-GROUPS

Moderator: **Mark Dickerson**, University of Western Sydney

Papers:

**Katherine K. Wilson**

Arizona Winway Center for Gambling Recovery  
Toward a Typology of Women Problem/Pathological Gamblers

**Susanna Jimenez-Murcia, A. Gonzalez-Ibanez, A. Ariza, M. Barcelo, MN Ayami, S. Fernandez-Millas and J. Vallejo**

Ciutat Sanitaria I Universitaria de Bellvitge, Spain  
Pathological Gambling and Age: Psychological and Therapeutic Implications

**Jason Doiron and Richard Nicki**

University of New Brunswick, Canada  
Assessment of Problem Gambling in Prince Edward Island, Canada involving a New Measure of Problem Gambling

10:30 – 12:00 PM

SESSION 4-C-2

303 South Concourse

### **PROBLEM GAMBLING IN SPANISH AND ISRAELI CULTURES**

Moderator: **Cesar A. Sanchez-Bello**, Latinoamerican Psychiatric Association, Venezuela

Papers:

**Elisardo Becoña, M. Carmen Miguez and Fernando L. Vasquez**

University of Santiago de Compostela, Spain  
The Problem Gambling in the Students of the Secondary Education in Galicia, Spain

**Penina Eldar**

The Eldar Center for Addiction Treatment & Rehabilitation, Jerusalem Center, Israel  
The Gambling Habits of the Adult Population of Israel and their Corresponding Social and Economic Risk

**Chris Farentinos**

ChangePoint Diversion Associates, Oregon  
Developing a Spanish Language Gambling Program: Cultural Differences and Creativity

10:30 – 12:00 PM

SESSION 4-D-2

304 South Concourse

### **THE NIGEL KENT-LEMON POLICY SYMPOSIUM**

**The Review of Gambling Policy in Great Britain: Where Should the Law Go from Here?**

Participants:

**Peter Collins**, University of Cape Town, and Centre for the Study of Gambling and Commercial Gaming, The University of Salford

**Paul Bellringer**, GamCare, London

**David Miers**, Cardiff Law School, Cardiff University

**W. A. Galston**, Galston Associates, United Kingdom

**William R. Eadington**, Institute for the Study of Gambling & Commercial Gaming, University

of Nevada, Reno

10:30 – 12:00 PM

**SESSION 4-E-2**

305 South Concourse

**GAMBLING AND GOVERNMENT CHALLENGES**

Moderator: Roger Dunstan, State of California Research Bureau, Sacramento

Papers:

**Sol Boxenbaum**

Viva Consulting, Montreal

When Government Runs Gambling: All Governments are not Equal

**J. Clark Laundergan**, University of Minnesota, Duluth, and **Michel Farrell**, Gamblers  
Intervention Services, Duluth

If you Win, You Lose: Gambling and Recipients of Public Disability Benefits

**Claire D. Schmelzer**, University of Kentucky, **Damon Revelas**, University of Massachusetts and  
**Desmond O. Brown**, University of Kentucky

Casino Gaming in Border States: A Non-Participating State's Perspective on Hospitality and  
Tourism

10:30 – 12:00 PM

**SESSION 4-F-2**

201 South Concourse

**INSIDE THE GAMBLER'S MIND: RATIONALITY AND MOTIVATION**

Moderator: **Brian Kantor**, University of Cape Town

Papers:

**Christian Marfels**

Dalhousie University, Canada

Is Gambling Rational? The Utility Aspect of Gambling

**Nigel Turner, Eleanor Liu and Bronwyn Mackenzie**

Centre for Addiction and Mental Health, Toronto

Understanding Random Events

**James Rizzo**

University of Chicago

What Motivates Gamblers? Rationality and the Limits of Explanation

10:30 – 12:00 PM

**SESSION 4-G-2**

202 South Concourse

**EUROPEAN GAMBLING POLICY AND REGULATION**

Moderator: David Miers, Cardiff Law School, Cardiff University, United Kingdom

Papers:

**Elizabeth Vercher**

University of Lyon  
French Casinos: The Main changes from 1987 to 2000  
*Presentation in French with English handouts*

**Leighton Vaughan Williams**

The Nottingham Trent University

Regulating a Diversified Industry: An Examination of the UK Betting Industry

**12:00 – 1:30 PM**

**LUNCHEON, Vista Ballroom**

Featured Speaker: **William Eadington**, Director, Institute for the Study of Gambling & Commercial Gaming, University of Nevada, Reno

**Three Wise Men and a Wise Guy: Tributes**

**1:30 PM**

**END OF CONFERENCE**