

## WEDNESDAY, FEBRUARY 25

### **OPENING KEYNOTE ADDRESS: DESTINED TO WAGE WAR FOREVER? THE EVOLUTION OF PEACEMAKING AMONG PRIMATES**

UTAH MUSEUM OF FINE ARTS IN THE MARCIA AND JOHN PRICE MUSEUM BUILDING, DUMKE AUDITORIUM  
7:00 – 8:15 PM

**FRANS DE WAAL**  
EMORY UNIVERSITY

Opening & Welcome: Steve Ott, The University of Utah  
Introduction: Kristen Hawkes, The University of Utah

**RECEPTION** 8:15 – 9:30 PM

## THURSDAY, FEBRUARY 26

### **WELCOME AND PRELIMINARIES**

OFFICERS' CLUB, FORT DOUGLAS  
9:00 – 9:15 AM

George Cheney, The University of Utah  
Elizabeth Cashdan, The University of Utah

### **OPENING PANEL: CONFLICT AND CONFLICT RESOLUTION AMONG GREAT APES**

OFFICERS' CLUB, FORT DOUGLAS  
9:15 – 11:45 AM

Introduction & Moderator: Kristen Hawkes, The University of Utah

#### **THE IMBALANCE-OF-POWER HYPOTHESIS AND THE EVOLUTION OF WAR**

Richard Wrangham, Harvard University

#### **EVOLUTIONARY PERSPECTIVES ON CONFLICT RESOLUTION**

Joan Silk, University of California, Los Angeles

**BREAK** 10:30 – 10:45 AM

#### **CHIMPANZEE POLITICS: PACIFYING INTERVENTIONS AND RECONCILIATION**

Frans de Waal, Emory University

#### **SEXUAL DIMORPHISM AND AGGRESSION IN PRIMATES: JUST WHERE DO HUMANS FIT IN?**

Mike Plavcan, University of Arkansas

### **KEYNOTE LECTURE: NOTHING TO LOSE? ECONOMIC INEQUALITY, POOR LIFE PROSPECTS, AND LETHAL COMPETITION**

FORT DOUGLAS POST THEATER (OVERFLOW IN OFFICERS' CLUB)  
NOON – 1:00 PM

**MARTIN DALY & MARGO WILSON**  
MCMASTER UNIVERSITY, CANADA

Welcome: George Cheney, The University of Utah  
Introduction: Jon Seger, The University of Utah

**BREAK** 1:00 – 2:30 PM

### **PANEL: COALITIONARY VIOLENCE AND WARFARE**

OFFICERS' CLUB, FORT DOUGLAS  
2:30 – 4:15 PM

Moderator: Doug Jones, The University of Utah

#### **A HISTORY OF VIOLENCE**

Steven Pinker, Harvard University

#### **AMERICANS AT WAR: EVOLUTIONARY PERSPECTIVES ON AN AGE-OLD STORY**

Patricia Lambert, Utah State University

#### **MALE HIERARCHIES, PARENT-OFFSPRING CONFLICT, AND WARFARE IN PAPUA NEW GUINEA**

Polly Wiessner, The University of Utah

**BREAK** 4:00 – 4:15 PM

### **PANEL: FURTHER DISCUSSION OF COALITIONARY VIOLENCE AND WARFARE**

OFFICERS' CLUB, FORT DOUGLAS  
4:15 – 5:40 PM

Moderator: Bill Zimmerman, Amherst College

#### **WARFARE AND HUMAN ULTRASOCIALITY**

Peter Turchin, University of Connecticut

#### **FROM LAB TO WAR: THE ROLE OF BIOLOGY AND PSYCHOLOGY IN POLITICAL AGGRESSION**

Dominic Johnson, University of Edinburgh, UK

#### **DISCUSSANT**

Richard Wrangham, Harvard University

#### **CLOSING REMARKS**

Steve Downes, The University of Utah

### **POSTER SESSION**

ALTA CLUB, ALTA ROOM  
8:00 – 9:30 PM

## FRIDAY, FEBRUARY 27

### **WELCOME AND RECAP**

OFFICERS' CLUB, FORT DOUGLAS  
8:55 – 9:00 AM

Dave Carrier, The University of Utah

### **PANEL: HORMONES AND HUMAN DOMINANCE AND AGGRESSION**

OFFICERS' CLUB, FORT DOUGLAS  
9:00 – 10:30 AM

Moderator: Wayne Potts, The University of Utah

#### **THE CHALLENGE OF TESTOSTERONE**

John Archer, University of Central Lancashire, UK

#### **ONTOGENY OF HORMONAL MECHANISMS FOR MALE COALITIONARY AGGRESSION**

Mark Flinn, University of Missouri-Columbia

#### **THE ROLE OF PHYSICAL STRENGTH IN ANGER AND ANGER EXPRESSIONS**

Aaron Sell, University of California, Santa Barbara

**BREAK** 10:30 – 10:45 AM

### **PANEL: DOMESTIC VIOLENCE, WITH EMPHASIS ON SPOUSAL/PARTNER RELATIONSHIPS**

OFFICERS' CLUB, FORT DOUGLAS  
10:45 AM – 12:35 PM

Moderator: Moises Prospero, The University of Utah

#### **AN EVOLUTIONARY PERSPECTIVE ON FAMILY VIOLENCE**

John Archer, University of Central Lancashire, UK

#### **MEN'S PROPRIETARY VIEW OF THEIR ROMANTIC PARTNERS IS SPECIFIC TO SEXUALITY: AN EXPERIMENTAL STUDY**

Aaron Goetz, California State University, Fullerton

#### **HURTING THE ONES WE LOVE: THE FEATURES AND FUNCTIONS OF AGGRESSIVE PUNISHMENT IN CLOSE RELATIONSHIPS**

Julie Fitness, Macquarie University, Australia

#### **DISCUSSANT**

Lars Rodseth, The University of Utah

**BREAK** 12:35 – 1:45 PM

### **PANEL: FURTHER DISCUSSION OF DOMESTIC VIOLENCE, WITH EMPHASIS ON PARENT-CHILD RELATIONSHIPS**

OFFICERS' CLUB, FORT DOUGLAS  
1:45 – 3:05 PM

Moderator: Moises Prospero, The University of Utah

#### **VIOLENCE AGAINST STEPCHILDREN: THE EVIDENCE AND ITS DISCONTENTS**

Margo Wilson & Martin Daly, McMaster University, Canada

#### **HORMONAL RESPONSES TO DOMESTIC VIOLENCE**

Mark Flinn, University of Missouri-Columbia

#### **DISCUSSANT**

Sarah Hrdy, University of California, Davis

**BREAK** 3:05 – 3:20 PM

### **ROUND TABLE DISCUSSION**

OFFICERS' CLUB, FORT DOUGLAS  
3:20 – 4:30 PM

Moderator: Sarah Hrdy, University of California, Davis

**LENORA OLSON**, Ph.D., Associate Professor of Research, Department of Pediatrics, The University of Utah and Co-Director of Intermountain Injury Control Research Center, The University of Utah

**ASHA PAREKH**, LCSW, YWCA, Family Justice Program

**MOISES PROSPERO**, Ph.D., Research Director & Assistant Professor, Utah Criminal Justice Center, College of Social Work, The University of Utah

**RON J. LLEWELYN**, Psy.D., Licensed Clinical Psychologist, Domestic Violence/Mental Health Clinical Manager, Cornerstone Counseling Center

**MAGGIE St. CLAIRE**, Former Executive Director, Catholic Community Services

### **CLOSING REMARKS**

OFFICERS' CLUB, FORT DOUGLAS  
4:30 – 4:45 PM

William Wirthlin Jr., President, L.S.B. Leakey Foundation  
George Cheney, The University of Utah  
Steve Ott, The University of Utah

MARTIN DALY & MARGO WILSON  
McMaster University, Canada

Margo Wilson and Martin Daly are professors in the Department of Psychology, Neuroscience & Behaviour at McMaster University in Hamilton, Canada. Trained in the study of nonhuman animal behavior, they have brought a Darwinian perspective to bear on human social behavior, including interpersonal conflict as manifested in homicide and nonlethal violence. Grounding their research in basic evolutionary theories of sexual selection, inclusive fitness, and sexual conflict, they have developed a variety of hypotheses about the determinants of variations in parental solicitude, spousal conflict, risk proneness, and discounting of the future to generate hypotheses about epidemiological risk factors for violence, and have applied these hypotheses to the study of homicide. Wilson and Daly are founding members of the Human Behavior & Evolution Society and have both served, at different times, as its president, as well as having co-edited the society's journal *Evolution & Human Behavior* for 10 years. They are authors of *Sex, Evolution and Behavior* (1978, 1983), *Homicide* (1988), and *The Truth about Cinderella* (1998). They were elected fellows of the Royal Society of Canada in 1998.

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PRESENTS THE

Third Annual  
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Resolution,  
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& Peace**

THE **EVOLUTION** OF  
**HUMAN AGGRESSION:**  
Lessons for Today's Conflicts

FEBRUARY 25 – 27, 2009



FRANS B. M. De WAAL  
Emory University

Dr. Frans B. M. de Waal is a Dutch-born ethologist/biologist known for his work on the social intelligence of primates. His first book, *Chimpanzee Politics* (1982) compared the schmoozing and scheming of chimpanzees involved in power struggles with that of human politicians. Ever since, de Waal has drawn parallels between primate and human behavior, from peacemaking and morality to culture. His scientific work has been published in hundreds of technical articles in journals such as *Science*, *Nature*, *Scientific American*, and outlets specialized in animal behavior. His popular books - translated into fifteen languages - have made him one of the world's most visible primatologists. His latest books are *Our Inner Ape* (2005, Riverhead) and *Primates & Philosophers* (2006, Princeton). De Waal is C. H. Candler Professor in the Psychology Department of Emory University and director of the Living Links Center at the Yerkes National Primate Center, in Atlanta, Georgia. He has been elected to the National Academy of Sciences (US), the American Academy of Arts and Sciences, and the Royal Dutch Academy of Sciences. In 2007, *Time* selected him as one of the Worlds' 100 Most Influential People Today.