

Human Ethology Bulletin

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2008 ISHE Congress [ISHE08]

July 13 - 17, 2008 ♦ Bologna, Italy

www.ISHE08.org

The next biennial congress of ISHE (ISHE08) will be held in Italy at the University of Bologna, the oldest university of the western world. The conference will take place in an historical building belonging to the University located in the city center. This issue (see pp. 12ff.) and the previous one contain information about ISHE08 and the **Call for Submissions** for this meeting, but readers are encouraged to visit the conference website to register and for the most complete and up-to-date information.

In addition to ISHE08 information and a **ISHE08 Registration Form**, this issue contains two book reviews, the announcement of two new members of the Bulletin's editorial staff (pg. 3), and the now usual Bulletin contents: listings of New Books and new articles (Current Literature), membership information, lists of upcoming conferences and forthcoming reviews, and various other announcements. The issue also contains a message from ISHE President Glenn Weisfeld and a **Call for Nominations** for two ISHE officer positions: Secretary and Membership Chair.

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Back Issues of the *Bulletin* may be ordered following the policy and pricing available in the most recent issue.

Bulletin Policies

Submissions: All items of interest to ISHE members are welcome, including articles (*Brief Communications*); responses to articles; news about ISHE members; announcements of meetings, journals or professional societies; etc. **Book reviews** and review inquiries may be sent to the Editor or to an Associate Editor. Guidelines for book reviews are available from any staff member and on the ISHE web site. Other types of submissions should be sent to the Editor. These include **Brief Communications** which may cover such topics as teaching ethology, ethological methodology, human evolution, and evolutionary theory.

All submissions must be in English, and sent to the appropriate editor via email, preferably as an attachment. If email is impossible, hard copies will be accepted, as long as they are accompanied by the same text on CD-R (preferably in Microsoft Word format). All submissions, including invited contributions, are subject to editorial review. Some submissions are rejected, but political censorship is avoided so as to foster free and creative exchange of ideas among scholars. Submissions are usually reviewed only by members of the editorial staff, although outside reviewers are used occasionally. All submissions should be original, and are not to be published elsewhere, either prior to or after publication in the *Bulletin*, without permission from the Editor.

Disclaimer: The opinions expressed in the *Human Ethology Bulletin*, and any policy implications that might be inferred from them, do not necessarily reflect those of the editorial staff or ISHE. Informed responses offering alternative views are welcome and can be sent directly to the Editor.

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New Bulletin Staff

The *Human Ethology Bulletin* is pleased to announce two new staff members. These were selected from a number of volunteers and nominees. The new editors, as listed under Editorial Staff on the previous page, are:

Aurelio Jose [AJ] Figueredo

Professor of Psychology
University of Arizona
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Aaron T. Goetz

Assistant Professor of Psychology
California State University, Fullerton
Phone: 1-714-278-7578

AJ is a very experienced and accomplished scholar with numerous and varied publications, and with extensive experience in peer reviewing. He has a Ph.D. in Comparative Psychology from the University of California, Riverside. AJ published a Brief Commentary in the last [Dec. 2007] issue on sociobiology.

Aaron is a relatively new Ph.D but has already published or had accepted for publication 25 journal articles in peer-reviewed journals and a dozen book chapters. He too has significant experience in peer review. A book review written by Aaron appears in this issue.

Aaron will be taking responsibility for the **New Books** list, so if anything worthy of listing catches your attention I encourage you to send Aaron [agoetz@fullerton.edu] the necessary information for inclusion on our list.

Letter to the Editor

Dear Editor:

In the recent interview with Roger G. Masters in the *Human Ethology Bulletin* by Iver Mysterud ("Chemical Triggers of Violence", Mysterud, 2007), Masters argued that elevated levels of lead ion in humans are correlated with violent crime. The extraction of lead ion from plumbing by hydrofluosilicic acid was noted. Aside from lead pipe, it was a surprise to learn that brass, normally said to be composed of copper and zinc, could also contain 2% lead in plumbing fittings (Maas et al., 2007). Already by 1965 there was a paper in *American Scientist* on hair assays of juvenile delinquents in reform school who had more lead and other heavy metals than in the general population of similar age and location.

Since Iver Mysterud is a member of the International Cholesterol Skeptics (www.THINCS.org), he will not mind that I highlight another chemical trigger of violence — low serum cholesterol levels. According to Golomb (1998), "Human and animal research indicates that low or lowered cholesterol levels may reduce central serotonin activity, which in turn is causally linked to violent behaviors. Many trials support a significant relation between low or lowered cholesterol levels and violence ($P < 0.001$)" "A meta-analysis of 18 community cohort studies by Jacobs and colleagues found 50% more violent deaths in men with cholesterol levels less than 160 mg/dL or 4.14 mmol/L." Suicides and attempts were 2-5 times greater with low cholesterol levels.

Golomb et al. (2004) presented six case studies of patients who suffered a personality disruption from statin drugs. These drugs included fenofibrate, gemfibrozil, lovastatin, pravastatin, simvastatin, cerivastatin, and atorvastatin. Manifestations included severe irritability, homicidal impulses, threats, road rage, generation

of fear in others and property damage. In all cases discontinuation of statin drug led to prompt resolution. In four patients re-challenge renewed the problems.

So here is another likely trigger for violence – low total serum cholesterol.

Sincerely,

Joel M. Kauffman, Ph.D.
Professor of Chemistry Emeritus, University of the
Sciences in Philadelphia

[Home address: 26 Old State Road, Berwyn, PA 19312-
1441 USA]

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Golomb, B. A. (1998). Cholesterol and Violence: Is There a Connection? *Annals Internal Med* **128**(6): 478-487.

Golomb, B. A., Kane, T., Dimsdale, J. E. (2004). Severe irritability associated with statin cholesterol-lowering drugs. *QJM* **97**: 229-235.

Maas, R. P., Patch, S. C., Christian, A-M., Coplan, M. J. (2007). Effects of fluoridation and disinfection agent combinations on lead leaching from leaded brass parts. *NeuroToxicology* **28**: 1023-1031.

Mysterud, I. (2007). Chemical Triggers of Violence. *Human Ethology Bulletin*, **22**(4): 6-10.

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A Message from the President

As we enter a new year, it may be informative to review some of our recent accomplishments.

Before we received the Aldis bequest, ISHE was limited to organizing its biennial congresses and publishing the *Bulletin*. Now, with essentially the same number of officers, we offer our members much more.

We now offer Owen Aldis research stipends, which seem to be very much appreciated by the recipients. This year we awarded five, at an increased amount of \$8,000 each, plus up to \$1000 for travel to the next congress. The Linda Mealey Young Investigator Award, now up to \$2000 plus travel, went to four recipients at the 2006 Detroit congress.

We have begun organizing biennial summer schools to alternate with the congresses. The first was the successful one in Andechs in August, attended by about 70 scholars and organized by Wulf Schiefenhövel.

Jay Feerman has set up the Human Ethology Listserv (HumanEthology@Yahoo.com), which is growing nicely (*see announcements in this issue – Editor*).

ISHE has now secured tax-exempt status from the U.S. tax authorities, after an initial probationary period.

Bill McGrew drew our attention to the 2009 Darwin sesquicentennial commemoration at Cambridge University, which he is helping to plan. ISHE has donated £1000 for this observance.

Not only are many new functions being performed by officers, trustees, and others, but also the quality of work has been steadily improving. Administration of the Aldis and Mealey Awards is going more smoothly. Karl Grammer is adding new features to the website. Dori LeCroy has hired a new, cheaper company to process credit card payments. Dori's reports on our finances are more frequent, detailed, and widely distributed than before. Frank Salter is establishing a log for

recording decisions by the officers. Astrid Jütte is adding many new options to the membership database. Procedures for processing memberships are far better than they have ever been, and more members now receive the *Bulletin* electronically, saving us money.

The *Bulletin* seems to me to improve with every issue. The December issue was a lengthy 36 pages, with some photos of Bologna (in color if you receive the *Bulletin* on line) to entice you to attend the congress there in August. Some new names have been contributing book reviews, and the Current Literature section remains a superb contribution by Johan van der Dennen.

The congress at Bologna promises to be outstanding. Excellent keynote speakers have been engaged, and for the first time we will be offering awards, of \$500 each plus a travel stipend for a future ISHE meeting, for the best posters. A special program on the ethology of religious behavior is being organized by Jay Feerman, and may receive foundation funding. George Mealey, Linda's father, intends to be present also. Carol Weisfeld has been designated to advise students who are planning to attend.

Continuing challenges await us. We have embarked on the difficult task of revising the constitution. We need to bring our many benefits to the attention of more potential members. But I believe, with such innovations as the Listserv, on-line membership capability, and the summer schools, with continuation of our quarterly *Bulletin* and biennial congresses, and with the general improvement in our functioning, we have many reasons for optimism.

Glenn Weisfeld

ISHE President

BOOK REVIEWS

Sexual Conflict

By **Göran Arnqvist and Locke Rowe**

Princeton University Press, Princeton, NJ, USA. 2005, 330pp. ISBN 978-0-691-12218-2 [Pbk, \$39.50] [Hdbk, \$99.50]

Reviewed by **Aaron T. Goetz**

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In *Sexual Conflict*, behavioral ecologists Arnqvist and Rowe set out to destroy the romantic notion that mating is a cooperative venture between two individuals of the opposite sex. This is accomplished on page 1. A barrage of examples of sexual conflict in insects, birds, spiders, and fish usher in the reality that the evolutionary interests of males and females are often in conflict. In fact, sexual conflict occurs in every sexually reproducing species, with the rare exception of those that practice strict life-long genetic monogamy.

There are two varieties of sexual conflict: intralocus sexual conflict and interlocus sexual conflict. Intralocus sexual conflict can occur between traits common to males and females on which there is opposing selection. For example, beak morphology differs between the sexes in serins (a finch) due to differences in food utilization between the sexes. Interlocus sexual conflict, however, occurs when a conflict trait is encoded by different genes in males and females, producing conflict over the outcome of male-female interactions. This form of conflict, which is the primary focus of the book,

encompasses much of what we think of when we think of sexual conflict—sexual cannibalism, grasping and anti-grasping traits, toxic seminal fluid, for example. Roy Orbison was right: Love hurts.

Following a thorough review of the history and theory behind sexual selection and sexual conflict, the book is appropriately divided into chapters that discuss conflict that occurs prior to mating (e.g., adaptations for persistence and resistance), conflict that occurs after mating (e.g., sperm competition), and conflict occurring after conception (e.g., mate desertion). The remaining chapters tackle such topics as genomic imprinting, sexual conflict as a mechanism of speciation, and even sexual conflict in plants.

Sexually antagonistic coevolution is a reoccurring theme throughout the book. Sexually antagonistic coevolution is the process by which adaptation in one sex can lead to counter-adaptation in the other, such as when males evolve persistence traits which are met by resistance traits in females, which are then countered by further adaptations in males and so on. Arnqvist and Rowe detail three comparative studies of sexually antagonistic coevolution in action. That is, many traits in males and females suggest an evolutionary history of adaptation and counter-adaptation, but the authors cite three case studies that use phylogenetic relationships between closely related species to provide direct evidence of a coevolutionary arms race between the sexes.

Missing from the book, however, is a discussion of the constraints on sexually antagonistic coevolution. Although sexual conflict is certainly ubiquitous across species, coevolutionary arms races arising from sexual conflict are probably less common due to the costs of counter-adaptations and available genetic variation, for example (Chapman, 2006). The authors do not explicitly suggest that

sexual conflict inevitably leads to sexual antagonistic coevolution, but their reasoning for the paucity of research on explicit sexually antagonistic coevolution is limited to difficulties in identification and quantification, and not constraints on the process itself. This, of course, does not subtract from the book's overall message and rich content.

Although intended for graduate students and researchers in the evolutionary sciences, *Sexual Conflict* is surprisingly accessible due to the book's clear organization, lucid writing, engaging examples, and section summaries. Even sections discussing mathematical models of sexual conflict are explained without equations and include minimal technical language. At times, the writing is even casual: One section's title warns us to "Never trust a penduline tit!" due to both sexes' readiness to desert the nest, leaving the other to care for the eggs and young. And when discussing how hermaphrodites cannot overcome intralocus conflict because the two sex roles often require different adaptations, Arnqvist and Rowe joke that "hermaphrodites may be doomed to be an evolutionary compromise between a Ferrari sports car and a John Deere tractor" (p. 195).

As this review is written for readers of the *Human Ethology Bulletin*, I would be remiss not to discuss sexual conflict that occurs in our own species. Humans are mentioned about half a dozen times throughout the book, and in general, the discussions are largely superficial (e.g., it is noted in passing that genomic imprinting underlies many human genetic diseases). The one exception is their coverage of the chemical properties of human semen. Seminal fluid includes enzymes, hormones, peptides, amino acids, zinc, fructose, cholesterol, and dozens of other compounds, and the authors suggest that this complex and costly mix of chemicals might serve a function beyond reproduction. Specifically, they speculate that this chemical cocktail suggests a

coevolutionary arms race between aggressive ejaculates and defensive reproductive tracts (but see Burch & Gallup, 2006 for alternative hypotheses). The authors label this a highly speculative hypothesis and conclude the section on a somber note, stating that this hypothesis is difficult to test without careful experiments that would be too difficult or unethical to conduct in humans. Indeed, this cautious skepticism is probably why plants receive more attention than humans.

The evolutionary interests of human males and females are certainly asymmetrical, so there is no reason to doubt that sexual conflict occurred throughout our evolutionary history. Indeed, sexual conflict in humans is a growing field of study among evolutionary psychologists. Many researchers have studied conflict arising over sexual access (e.g., Thornhill & Palmer, 2000), conflict that occurs during and after mating (e.g., Shackelford & Goetz, in press), and conflict occurring after conception (e.g., Platek, 2002), for example. Moreover, Buss (2007) is scheduled to present a keynote address on "Sexual Conflict in Human Mating" at the 2007 Human Mind - Human Kind conference.

Arnqvist and Rowe's reluctance to discuss sexual conflict in humans is probably due to the different empirical approaches employed by behavioral ecologists and evolutionary psychologists. The authors outline six research methods that have been used to document sexual conflict, such as genetic experiments, phenotypic manipulations, experimental evolution, and comparative studies, and only a couple of these are applicable to human populations. Evolutionary psychologists are unable to use experimentally evolution techniques and genetic engineering to study sexual conflict in humans, for example. These methodological limitations, however, have not dissuaded many researchers from making important discoveries in human sexual conflict.

To conclude, *Sexual Conflict* is a thorough and accessible resource for those interested in sexual conflict, sexual selection, and the evolutionary biology of sex. Because sexual conflict and sexual selection are theoretical tools applicable to our own species, researchers studying human mating would also benefit greatly from this book despite humans being given little attention. The book is well-organized, well-written, and full of extraordinary examples of conflict that occurs when the evolutionary interests of males and females diverge.

References

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- Shackelford, T. K., & Goetz, A. T. (2007). Adaptation to sperm competition in humans. *Current Directions in Psychological Science*, 16, 47-50.
- Thornhill, R. & Palmer, C. T. (2000). *A natural history of rape*. Cambridge, MA: MIT Press.

Aaron T. Goetz received his B.A. in psychology from The University of Texas at Austin in 2002

and his Ph.D. in Evolutionary Psychology from Florida Atlantic University in 2007. He is currently an assistant professor in the Department of Psychology at California State University, Fullerton. His research interests center on sexual conflict in humans, such as men's anti-cuckoldry tactics and sexual coercion in intimate relationships.

Sperm Competition in Humans

Edited by **Todd K. Shackelford** and
Nicholas Pound

Springer Science+Business Media, Inc., 233
Spring Street, New York, NY 10013, USA,
2006, 283pp. ISBN 0-387-28036-7 {Hdbk}

Reviewed by **Shannon L. Nickerson**

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Back Issues

Back issues of the quarterly *Bulletin* can be ordered from the Editor as available. Pricing (US\$) is as follows:

- ◆ \$2/issue or \$5/year (vol.) for **electronic** copies
- ◆ \$6/issue or \$20/year (vol.) for **printed** copies (U.S. orders)
- ◆ \$8/issue or \$22/year (vol.) for **printed** copies **mailed outside the U.S.A.**

Payment can be made to either the Treasurer or the Editor. Be sure to provide a complete mailing address and specify exactly which issues you are ordering.

It wasn't long after my introduction to the topic of human sperm competition that I was on the phone trying to round up an electron microscope and two male friends willing to ejaculate into a Petri dish. I had just learned about the Kamikaze sperm theory and I was enthralled. I wasn't setting out to formally test any hypotheses with my crude little experiment; I just wanted to see what, if anything, there was to see. So there in my washroom, under the borrowed compound microscope I was forced to settle for, I peered in amazement at the difference in activity between the slides containing my friends' individual ejaculate samples and the slide containing their combined ejaculate. It appeared to me, that the sperm velocity was much greater when semen samples from the two males were combined. However, a short time later, after reading Moore, Martin, and Birkhead's 1999 article (included in the volume being reviewed) confusion took hold: Contrary to my expectations, the authors did not find increased velocity in non-self mixtures (though the p value in one condition came close at 0.14). My interest in the topic "climaxed" when, despite finding significant differences in sperm morphology between the self and non-self

mixtures in one condition, the authors refuted the Kamikaze sperm theory

Sperm competition in humans has been a topic of study for only about 20 years, with R. R. Baker and M. A. Bellis' pioneering research in the area. Sperm competition was first documented in animals in 1970 by Parker, who defined it as the competition that occurs when the sperm of two or more different males simultaneously occupy a female's reproductive tract and compete to fertilize her gamete(s). Now, though, sperm competition is recognized as incorporating a range of both male and female anatomical, behavioral and physiological mechanisms. The previously published classic and contemporary readings presented in *Sperm Competition in Humans* attempt to examine these mechanisms. The readings are presented in three sections. The introductory section begins with a solid overview of the topic by the editors. This chapter is so comprehensive and easy to read, in fact, that it almost does a disservice to the rest of the volume. Indeed, the reader need not read any further than Shackelford and Pound's overview unless she has a specific interest or research intentions on the topic. Parker's 1983 seminal article, "Why are there so Many Sperm?", is also in the introductory section and is a necessary inclusion but is likely too technical for the lay-reader.

The second section presents several classic articles on human sperm competition. Smith's (1984) article is a well-rounded account of the supporting evidence for sperm competition having been a formidable selective force in human evolution. Several anatomical, physiological, behavioral, and cultural characteristics such as penis size, rape-induced ovulation, jealousy, and culturally-influenced attitudes toward female promiscuity are considered in this light. The following three articles deal with the topic of Kamikaze sperm. The first, by Baker and Bellis (1988), proposes

the concept; the second is a rebuttal by Harcourt (1989); and the third is Baker and Bellis' (1989) reply to Harcourt. The editors' selection of these articles is prudent given the provocative nature of the topic and the weak nature of the evidence. The other studies in the section deal mainly with components of sperm manipulation by both males and females. Baker and Bellis's (1993) study, "Ejaculate Adjustment by Males and the Function of Masturbation," found that male insemination adjustment occurs in relation to amount of time spent with one's female partner independent of frequency and recency of in-pair copulations, such that more sperm are inseminated as time spent apart increases. In another Baker and Bellis (1993) study, the female orgasm is considered in light of sperm manipulation. The authors show that a female's implementation of different orgasm regimes — including copulatory orgasm and inter-copulatory masturbation to orgasm as well as lack of orgasm — serves to favor extra-pair sperm retention over sperm retention of the in-pair male.

Section 3 includes four contemporary articles, the first of which returns to the Kamikaze sperm theory. Moore et al. (1999) report findings that are supportive of the theory — for example, fewer morphologically normal sperm were observed in semen mixtures composed of more than one male's semen than in self mixtures (mixtures containing semen of only one male) in two of three study conditions — but ultimately conclude that there is no evidence for killer sperm. Gallup and Burch's (2004) theoretical article on semen displacement proposes that features of male genital morphology and male copulatory behavior are adapted to human sperm competition by serving to displace rival sperm from the vagina prior to ejaculation. Penile morphological features empirically identified in a previous study as being involved in mediating the semen displacement effect are the coronal ridge and

the frenulum (the fold of skin on the underside of the penis). The authors propose a number of other interesting theories including the spermicidal function of the collection of smegma under the foreskin serving to entrap piggybacking sperm from rival males thereby minimizing self-cuckoldry.

In conclusion, I believe Shackelford and Pound's volume offers a good representation of the available readings in human sperm competition. This book would be appropriate for use as a research resource and teaching supplement in fields as far-reaching as reproductive health and sexuality, among others.

Reference

Parker, G. A. (1970). Sperm competition and its evolutionary consequences in the insects. *Biological Reviews*, 45, 525-567.

Shannon L. Nickerson is a part-time lecturer in Psychology at Saint Mary's University in Halifax, Nova Scotia. She completed her M.Sc. in Industrial/Organizational Psychology at Saint Mary's in 2002.

New Books

Any qualified individual interested in writing a review of one of the following books, or any other recent and relevant book, should contact the Editor or an Associate Editor. Publishers, authors, and others may call attention to recently published or forthcoming books by sending information to the Editor.

Barash, D. P. Natural Selections: Selfish Altruists, Honest Liars, and Other Realities of Evolution. Bellevue Literary Press, 2007, 192 pp. ISBN: 1934137057

Bjorklund, D. F. Why Youth is Not Wasted on the Young: Immaturity in Human Development. Wiley-Blackwell, 2007, 288 pp. ISBN: 1405149515

Emery, N., Clayton, N., & Frith, C. Social Intelligence: From Brain to Culture. Oxford University Press, 2008, 432 pp. ISBN: 0199216541

Furuichi, T., & Thompson, J. The Bonobos: Behavior, Ecology, and Conservation. Springer, 2008, 330 pp. ISBN: 0387747850

Geher, G., & Miller, G. Mating Intelligence: Sex, Relationships, and the Mind's Reproductive System. Lawrence Erlbaum, 2007, 480 pp. ISBN: 0805857494

Kagan, J. What Is Emotion?: History, Measures, and Meanings. Yale University Press, 2007, 288 pp. ISBN: 0300124740

McElreath, R., & Boyd, R. Mathematical Models of Social Evolution: A Guide for the Perplexed. University of Chicago Press, 2007, 425 pp. ISBN: 0226558274

Moran, E. F. Human Adaptability: An introduction to ecological anthropology (3rd ed.). Westview Press, 2008, 473 pp. ISBN: 0-8133-4367-4.

Oakley, B. Evil Genes: Why Rome Fell, Hitler Rose, Enron Failed and My Sister Stole My Mother's Boyfriend. Prometheus Books, 2007, 459 pp. ISBN: 159102580X

Plotkin, H. Necessary Knowledge. Oxford University Press, 2007, 256 pp. ISBN: 0198568282

Ramachandran, V. A. The Man with the Phantom Twin: Adventures in the Neuroscience of the

Human Brain. Dutton Adult, 2008, 304 pp.
ISBN: 0525950230

Shermer, M. The Mind of the Market: Compassionate Apes, Competitive Humans, and Other Tales from Evolutionary Economics. Times Books, 2007, 336 pp. ISBN: 0805078320

Sommer, V., & Vasey, P. L. Homosexual Behaviour in Animals: An Evolutionary Perspective. Cambridge University Press, 2006, 392 pp. ISBN: 0521864461

Stearns, S. C., & Koella, J. C. Evolution in Health and Disease. Oxford University Press, 2007, 368 pp. ISBN: 0199207453

Thomas, E. M. The Old Way: A Story of the First People. Picador, 2007, 368 pp. ISBN: 031242728X

Trevathan, W. R., Smith, E. O., & McKenna, J. Evolutionary Medicine and Health: New Perspectives. Oxford University Press, 2007, 544 pp. ISBN: 0195307054

Warnke, G. After Identity: Rethinking Race, Sex, and Gender. Cambridge University Press, 2008, 240 pp. ISBN: 0521709296

Weaver, A. H. The Voyage of the Beetle. University of New Mexico Press, 2007, 80 pp. ISBN: 082634304X {This is an illustrated children's book, written by an anthropologist, providing a great introduction to Darwin's theory of evolution by natural selection – Eds.}

Zimbardo, P. The Lucifer Effect: Understanding How Good People Turn Evil. Random House, 2008, 576 pp. ISBN: 0812974441

For a list of books (in all European languages) on human ethology, sociobiology, evolutionary psychology, Darwinian psychiatry, biopolitics, hominid evolution and related disciplines visit:
<http://rint.rechten.rug.nl/rth/ess/books1.htm>

Call for Nominations

The ISHE Board of Officers hereby issues a call for nominations for two positions: Secretary and Membership Chair. The anticipated start date for these positions is 1 January 2009 with a term of 4 years. Nominees must be current members of ISHE. A Call for Votes, a ballot, and candidate statements will appear in the next issue.

Position Descriptions:

The **Secretary** keeps the minutes of meetings of the Board of Officers and of the General Assembly. This person is responsible for distribution of these to the other Officers and Trustees, and may be asked to prepare an annual report. The Secretary also keeps track of the election calendar, monitors the fulfillment of obligations of ISHE award winners, and maintains a record of all votes, awards, and noteworthy decisions made by the officers.

The **Membership Chair** maintains the membership database, prepares mailing lists for both postal and internet delivery of the Bulletin and for occasional ISHE notices, and works in coordination with the ISHE Treasurer to maintain an accurate list of dues payments. In addition, the Membership Chair usually serves on election committees.

Send nominations to the Nominations and Elections Committee c/o Tom Alley at Alley@Clemson.edu or using his postal address as printed on page 2 of this issue.

**Deadline for receipt of nominations:
12 April 2008**

The 2008 Biennial Congress of the International Society for Human Ethology (ISHE08)

July 13 - 17, 2008 University of Bologna, Italy

This issue contains a **Registration Form**, a **Call for Submissions**, a **Call for Applications for Linda Mealey Awards**, and other information about this meeting. **Readers are encouraged to review this information and to make travel plans now.**

Conference Overview

The 2008 biennial ISHE Congress (ISHE08) will be held at the University of Bologna. Founded in the year 1088, it is now one of the largest universities in Italy, with about 100,000 students. The program will feature four invited speakers (as listed below), poster presentations, a variety of thematic sessions (symposia), and other talks. Various special events, including a banquet dinner, a reception, and a free guided tour of Bologna will be offered. Details can be found below, in the December 2007 issue, and on the conference website: www.ishe08.org. Information for submission of papers and posters is presented below. Potential presenters should note ISHE's generous policy for financial subsidies for students having presentations accepted for the conference. You are invited to visit the conference website www.ishe08.org in order to obtain conference information, submit your paper, and register.



The anatomical theatre at the University of Bologna.
[Photo: Franco Fontana.]



A lesson of law during the middle ages at the
University of Bologna. [Photo: Marco Baldassarri.]

ISHE08 Keynote Speakers

Ernst Fehr (University of Zurich, Switzerland)

Ernst Fehr is director of the Institute for Empirical Research in Economics, and Director of the University Research Priority Program on the Foundations of Human Social Behavior in Zurich and affiliated faculty member of the Department of Economics at MIT. Among the most recent papers he has published are *The neural signature of social norm compliance* and *Social neuroeconomics: The neural circuitry of social preference*. His most recent books include *Moral Sentiments and Material Interests: The Foundations of Cooperation in Economic*

Life (Economic Learning and Social Evolution) and *Foundations of Human Sociality*. He will speak on altruistic punishment.

Vittorio Gallese (University of Parma, Italy)

Vittorio Gallese is full professor of human physiology at the University of Parma. Together with Giacomo Rizzolatti and Leonardo Fogassi he has pioneered the study of mirror neurons. His major research interests lie in the relationship between action perception and cognition, using a variety of neurophysiological and neuroimaging techniques. He is also interested in developing an interdisciplinary approach to the understanding of the embodied bases of intersubjectivity and social cognition. His current research projects concern the development of brain/machine interfaces by chronic multiple neuron recordings from the macaque monkey ventral premotor cortex in order to drive a robotic arm, and the study of the neural correlates of social cognition by means of microstimulation, and neuron recordings, from the macaque monkey insula. He will speak on mirror neurons and social cognition.

Eckart Voland (University of Giessen, Germany)

Eckart Voland is full professor of "Philosophy of Biology" at the Centre for Philosophy and Foundations of Science, University of Giessen, Germany: His research topics include evolutionary anthropology (sociobiology, behavioral ecology), biophilosophy (evolutionary ethics, evolutionary aesthetics, evolutionary theory of religiosity) and historical demography. His most recent books he has published *Die Natur des Menschen*, *Grandmotherhood (The evolutionary significance of the second half of female life)*, and *Evolutionary Aesthetics*. He will speak on the evolution of morality.

Polly Wiessner (University of Utah, USA)

Polly Wiessner is Professor of Anthropology at the University of Utah. Her areas of research include hunter-gatherers, cultural systems of sharing and exchange, ethnoarchaeology, ethology ecology, warfare, and oral history. She has conducted extensive anthropological research in the population of the Highland Papua New Guinea, southern Africa. The books she has published include *The Lives and Traditions of Enga Women*, *Historical Vines: Tracing Enga Networks of Exchange*, and *Ritual and Warfare among the Enga of Papua New Guinea*. She will speak on warfare.

Tentative Program for the Symposium on
**The Biology of Religious Behavior:
 A Human Ethology Perspective on Religion**

I. DESCRIPTION OF RELIGIOUS BEHAVIOR

Stephen K. Sanderson – Dept. of Sociology,
 University of California, Riverside, USA
*The Cultural Evolution of Religious Behaviors: Socio-
 Ecological Contexts*

**Craig T. Palmer, Ryan Ellsworth & Lyle B.
 Steadman** – Dept. of Anthropology, University of
 Missouri (Palmer and Ellsworth); School of

Human Evolution and Social Change, Arizona
 State University (Steadman), USA
*Submissive Deference, Emotion or Talk? Ethology and
 the Search for a Universal Definition of Religious
 Behavior*

Tom Ellis – Dept. of Religious Studies,
 Appalachian State University, USA
*Natural Gaze, Non-Natural Agents: The Biology of
 Religion's Ocular Behaviors*

Magnus S. Magnusson – Human Behavior
 Laboratory, University of Iceland
Patterns in Religious Behavior

II. PHYLOGENY OF RELIGIOUS BEHAVIOR

Jay R. Feierman – Independent Scholar, Dept. of Psychiatry, University of New Mexico (retired), USA

The Phylogeny of Religious Behavior

III. ONTOGENY OF RELIGIOUS BEHAVIOR

Candace S. Alcorta – Dept. of Anthropology, University of Connecticut, USA

Religion and Social Algorithms: Is Adolescence an Experience Expectant Period for 'Learning' Religion?

IV. PROXIMATE CAUSES OF RELIGIOUS BEHAVIOR

Michael T. McGuire & Lionel Tiger – UCLA Neuropsychiatric Institute (Emeritus Professor); Dept. of Anthropology, Rutgers University, USA

Behavioral Biasing Religious Beliefs: Proximate Mechanisms and Adaptive Functions

Lluís Oviedo – Dept. of Theological Anthropology, Pontifical University, Italy
Is Religious Behavior "Internally Guided" by Religious Feelings?

Burgess C. Wilson – Dept. of Psychiatry, Rush Medical College, USA

Proximate Causes of Religious Behavior: Mirror Neurons and Spirit

V. THE ADAPTIVNESS OF RELIGIOUS BEHAVIOR

John S. Price – Dept. of Psychiatry, Milton Keynes Hospital, England

The Capacity for Change of Religious Belief Systems: Its Adaptiveness in Promoting Group Splitting and Dispersal through New Religious Movements

Rick Goldberg – Binah Yitzrit Foundation, USA
The Function of Religious Fasting and Feasting Rituals: Costly Adaptive Signals

Maria Emilia Yamamoto, Monique Bezerra Paz Leitao, Rochele Castelo-Branco & Vivia de Araujo Lopes – Psychobiology Graduate Program, Universidade Federal do Rio Grande do Norte, Brazil

Religious Behavior and Cooperation: Is Religion an In-Group Marker?

Transportation

Bologna Airport is an international airport, the third most important in Italy, with daily nonstop flights to worldwide destinations (www.bologna-airport.it). Public bus transportation is offered every 15 minutes connecting the Airport with the city center and railway station. **Forlì Airport** (www.forliairport.com) is situated about 80 kilometers east of Bologna and hosts mainly low budget flights. Forlì is connected to Bologna by train (about 1 hour). Bologna has very good rail connections. For example you can reach Florence in 1 hour, Venice in 2 hours, and Rome in about 3 hours. The railway station is about 20 minutes on foot from the Conference venue.

By **car**. The historical center of Bologna still retains its medieval structure with narrow and irregular streets. For this reason private cars are usually not allowed to enter the historical center. Only if you have an accommodation in a hotel in the historical center of Bologna you are allowed to enter the center and the Conference venue with your own car. In this case you have to give your car registration number to the hotel reception. In all other cases you have to park outside of the historical center and reach the Conference venue by bus.

Conference Lodging

For students who are the first author of an accepted paper, accommodations will be offered by ISHE in University dormitories. Other participants should arrange their own accommodations. You can find a complete list of available hotels, bed and breakfasts, hostel, camping in the conference website at the address: www.ishe08.org/accommodation.html where you can also find a detailed map.

Coffee breaks, ISHE Banquet, meals

ISHE conference registration will include all morning and afternoon coffee breaks, and the welcome reception Sunday evening (July 13th). We will provide listings of local restaurants for meals during the conference. The traditional **ISHE Banquet** will be held Thursday evening (July 17th). The ISHE banquet costs an additional EUR 40; please make payment when you make your conference registration.

Special Events and Outings

- Sunday, 13th July, evening. – **Welcome Reception.**
- (date TBA) Free **Guided Tour of Bologna** – a guide will take guests on a 3-hour tour of the main sightseeing attractions of Bologna historical center
- Thursday, 17th July. **ISHE Banquet** – to be held in a traditional restaurant in Bologna. Cost of the banquet will be 40 €.

Local and Regional Attractions

Local: ISHE Conference participants will have the chance to experience Bologna's cultural heritage by a free guided tour offered to all participants. The ISHE Conference will take place in the historical center of Bologna, with the main attractions within walking distance. The Two Towers are among the city's most recognizable landmarks. In the 12th and 13th centuries, the noble families of Bologna raised over 100 towers across the city. The towers did not have a military function but were built as an expression of wealth and power. Of the 20 that survive today, the Asinelli and the Garisenda towers are Bologna's most famous. You can climb the Torre degli Asinelli for a great view. Most of the sights are clustered around the Piazza Maggiore, the main square. Worthy to be visited are the seven churches of Santo Stefano, the basilica of San Petronio, the church of San Domenico (where is

buried the founder of the Dominican order San Domenico), the 16th-century Neptune Fountain, the university museum exhibits. The town center has a well preserved medieval structure. The Pinacoteca has an excellent collection of Italian Renaissance art. For a taste of modern Italy you can visit the Museo Morandi on Piazza Maggiore, the main square (opened in 1993), which houses more than 200 works by 20th-century painter Giorgio Morandi.

For a virtual tour of Bologna, visit:

<http://www.comune.bologna.it/girabologna/>

For more information on Bologna tourist attractions visit:

<http://iat.comune.bologna.it/iat/iat.nsf>

Regional: Thirty miles northwest is the town of **Modena** which has an impressive 86M tall Ghirlandina bell tower and one of the finest Romanic cathedrals in Italy [<http://whc.unesco.org/en/list/827>]. Modena was also the home of tenor Luciano Pavarotti and remains home to the Ferrari [<http://www.ferrariworld.com/FWorld/fw/index.jsp>] and Maserati [<http://www.maserati.com>] auto companies. An hour South of Bologna is **Florence** and an hour East is the ancient capital of the Western Roman Empire with its magnificent Byzantine churches, **Ravenna**.

Important Dates

- **April 1, 2008:** deadline for abstract submission (including applicants for the Linda Mealey Award).
- **April 30, 2008:** end of early registration
- **May 15, 2008:** deadline for longer paper submission for Linda Mealey Award applicants.

For **more information**, visit the ISHE08 website, www.ishe08.org or contact the local organizers at info@ishe08.org.

ISHE08 Program Committee

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See you in Bologna!



Bologna is famous for its towers, built in the middle age as symbols of wealth and power among the noble families.
(Photo courtesy Franco Fontana)

PLEASE REGISTER ONLINE AT WWW.ISHE08.ORG
USE THIS FORM ONLY IF YOU HAVE NOT ACCESS TO AN INTERNET CONNECTION

Registration Form

XIX Biennial Conference of the International Society for Human Ethology

Bologna, Italy -- July 13 to 17, 2008

Name (last, first)

.....

Organization

.....

Postal address

.....

.....

.....

E-mail address:

.....

PLEASE TICK OFF THE ELEMENTS FOR WHICH YOU MAKE THE PAYMENT

Early Registration fees (by April 30, 2008):

- Member** 200 Euro
- Non-member** 250 Euro (includes 1-yr. membership)
- Student/Retiree** 100 Euro

Late Registration fees (after April 30, 2008):

- Member** 230 Euro
- Non-member** 280 Euro (includes 1-yr. membership)
- Student/Retiree** 130 Euro

ISHE Banquet (dinner Thursday evening)

- 40 Euro

Payment by bank transfer (no fees for the receiver)

Bank account details:

Bank: UniCredit Banca Italy

IBAN Code: IT16J0200802480000010932397

Swift Code: UNCRIT2BOM0

Registered to: XIX CONF. INT. SOC. HUMAN ETHOLOGY

Important note to students: Part of ISHE's mandate is to enhance educational opportunities. For 2008, any student who is first author on a paper or poster accepted for the conference will have the fees for registration, accommodation, and the banquet waived.

Send the completed form by fax to:

Dr. Marco Costa

Department of Psychology

University of Bologna

Fax number ++39 051 243086

Fees: The registration fee includes all conference presentations, welcome buffet, abstract book, free guided tour of Bologna, all coffee breaks.

Call for Applications

Linda Mealey Award for Young Investigators

The International Society for Human Ethology presents up to five awards at its biennial conferences to young scientists for outstanding original research done in human ethology. The **Linda Mealey Award for Young Investigators** honors the late Linda Mealey, a president of ISHE, respected researcher, and dedicated mentor of students. ISHE is now accepting applications for the 2008 awards.

2008 Awards: ISHE will give awards to up to five outstanding student researchers in human ethology. For 2008, the awards will consist of US\$500 plus an additional amount to be announced at the 2008 congress and to be used to subsidize travel to the 2010 ISHE congress. The awards also include: free Society membership or membership extension for one year, free registration at the next ISHE congress, a suitable book on human ethology or a related discipline, and a certificate of award.

Eligibility: Only undergraduate and graduate students are eligible. Students can apply more than once, but only once per congress and can win only once. The work can employ an experimental, observational, or questionnaire method but an evolutionary framework must be used for some discussion of the results.

Other Requirements & Evaluation: [1] Online submission of a paper to the ISHE 2008 conference; [2] Submission of a longer version of this paper, but no longer than eight double-spaced pages, excluding references, in PDF format (the instructions and the login and password information for uploading the paper are given by email when submitting the abstract); [3] Pending acceptance by the ISHE08 Program Committee, all successful applicants will present their paper orally at the 20068 congress. Entries will be so designated in the ISHE08 program.

Three judges will read all submissions and attend all oral presentations. Both the written and oral forms will be evaluated. The applicant must be the first or sole author, and must have done the principal work on the research and the preparation of the written and oral presentations.

Deadlines: The abstract submission is to be received by **April 1, 2008**. The more extended copy of the paper is to be received by **May 15th 2008**.

More information on this award is available in the Conference website: www.ishe08.org

Call for Submissions

XIX Biennial Conference of the International Society for Human Ethology

Bologna, Italy --- 13 to 17 July 2008

The International Society for Human Ethology the "Call for Submissions" to the 2008 biennial Congress of the International Society for Human Ethology, which will be held from Sunday, 13 July through Thursday, 17 July, in Bologna, Italy.

I. General Information

Proposals for presentations, symposia, and other formal sessions will be considered for inclusion in the program if they are received by 1 April 2008. This *Call* includes information on submitting presentations and programs. In addition, ISHE has arranged for four keynote speakers and a book exhibit. Information for the XIX Congress appear in this issue and are available on the Conference Web site at www.ishe08.org. All program participants, members, nonmembers, and students are expected to register for the meeting and pay the applicable registration fees.

II. Rules for Participation

1. Membership

It is **not** necessary to be a member of ISHE to submit a proposed program or presentation, and no preferential treatment will be given to submissions from ISHE members.

2. Number of Participations Allowed

Individuals are limited to two presentations. This limit applies to the actual presentation of a paper in a paper or poster session or as a presenter/panelist in a symposium or other session that is listed in the formal program. This does not include being a session chair who does not present or being a symposium discussant. Non-presenting co-authorships do not count toward the two presentations, nor does participation in ISHE business meetings or as the presenter of an invited address.

III. Procedures for Submitting Proposals

All abstracts must be submitted via the ISHE online conference website www.ishe08.org. This Web site will guide you through the submission process for your individual and/or symposium proposals. Although the deadline for receipt of proposals is 15 March 2008, early submission is strongly encouraged.

Presentation Types: The following types of presentations will be considered for ISHE08.

Individual Presentations

Submissions for individual presentations at the ISHE congress may be in the form of either individual **papers** or **posters**. Poster and paper presentations are governed by the same submission rules and review process, although the criteria for acceptance may differ. Submitters are encouraged to consider which format will work best for their particular presentation.

Both graduate and undergraduate students may submit a more complete version of their presentations to compete for the **Linda Mealey Award**. All such papers should be suitable for oral presentation at the conference. Information and instructions are available at: <http://evolution.anthro.univie.ac.at/ishe/awards>

Papers: Paper presentations will be allotted a minimum of 15 minutes for oral presentation, plus 5 minutes per paper added to the end of each session for discussion. Time constraints mean that this format may provide only limited opportunity for fully presenting one's work and for interaction with attendees.

Posters: ISHE encourages poster submissions so that research findings, new ideas, methodology and data analysis may be shared more fully and interactively. The poster session will allow presenters and attendees to engage in extended discussions regarding the author's presentation that is in illustrated format on a poster board. If your submission is accepted for presentation in a poster session, ISHE will send detailed instructions to assist you in preparing your materials in the required format. The posters, furthermore, will be on display for the whole Conference duration.

NEW for 2008 – Poster Awards

Beginning with ISHE08, the ISHE Board of Officers has decided to offer awards of US\$500 to the first author of each of the 3 best posters. Some funds for travel to the 2010 biennial ISHE congress will also be provided to winners who successfully submit a presentation to the 2010 conference. No special application is needed; **all** posters accepted and presented at ISHE08 will be eligible.

Symposia or Panel Discussions

These are focused sessions in which several participants present their views about a common theme, issue, or question. The views may or may not be adversarial. The format of a symposium usually consists of an introduction to the topic by the chairperson to provide the audience with a background for the ensuing discussion. Participants then present their viewpoints, followed by interchange among participants and between the audience and participants. Often the symposium will end with an overview of the proceedings by the chairperson or a discussant. A symposium or panel discussion is not a paper-reading session. Participants should prepare presentations in advance so that the chairperson or discussant can prepare a summary and commentary. The chair or discussant should not give a separate presentation; their role is to highlight the essential issues raised by participants and to integrate and interpret them.

Additional Instructions for Symposium or Panel Discussion Proposals

A proposal for Symposium or Panel Discussion can be directly submitted to info@ishe08.org. The proposal should include:

1. **Title** of session.
2. **Chairperson:** Name, e-mail address, and affiliation (e.g., institution and department)
3. **Participants**, in order of presentation: Authors and Title of each presentation.
4. **Discussants** (if any), in order of presentation: Names, e-mail address, and affiliation.
5. A general **summary** of the session that is 250-500 words long. Discussants' comments do NOT need to be summarized or submitted as part of the proposal.
6. Only the symposium structure has to be emailed. Each paper of the symposium should be separately submitted by the authors using the online submission form that can be found in the Conference website: www.ishe08.org

Size and Time Limits

Sessions are limited to 15 minutes per participant, plus 10 minutes for each Discussant and up to 10 minutes for general discussion. At their discretion, session organizers (Chairs) may limit participants to less than 15 minutes each to allow more time for discussion. Each session is limited to a maximum of 6 contributors consisting of 3-5 presenters and 0-2 discussants.

ANNOUNCEMENTS

ISHE Trustee **W. C. McGrew** reports that ISHE has made a donation of £1000.00 to the **Darwin 2009 Festival**, a celebration of the bicentenary of Charles Darwin's birth. The donation, approved by the ISHE Board of Officers, is specifically earmarked to provide support for a lecture scheduled to be given by ISHE member **Sarah B. Hrdy**.

Human Ethology Listserv

It has now been over one year since the International Society for Human Ethology established a listserv to facilitate communication among persons interested in human ethology and to attract new people to the field. This listserv is intended to promote discussion, information distribution, criticism, and analysis of human ethology research. Any interested person may participate. The language is English. The listserv moderator is Jay R. Feierman who sends (Feb. 5) this report:

"There are now over 190 members of the group. Of these members approximately 25 or so have contributed postings. There have been an average of 387 postings a month. I encourage persons on the list who just read and don't contribute postings to contribute. As long as the posting has some relevance to Human Ethology, is not overtly political, is not disrespectful of anyone on the list, and is not porn, it will be posted. Over the year I've not posted about 10 messages. Some were porn and I removed about 3 people from the list for trying to post porn on the list. They were not members of ISHE. A very few were not respectful to others on the list. However, the number of messages that were not posted were very few compared to the 4,653 messages that were posted in 2007. The non-posting rate was a small fraction of 1%, which is very good for any list. I'd also encourage people to use the search function on the home page, as it is now one of the best data bases for Human Ethology related articles and postings. If anyone has any suggestions for how the group can be better, please let me know. I've enjoyed moderating the group for the past year year."

The listserv can be accessed by daily e-mails, a digest or summary folder sent once a day with all the e-mails of the past 24 hours, or through the web page of the group. Members are encouraged to submit drafts of manuscripts, etc. for comments, as well as published articles in PDF or other suitable formats, for circulation. Listserv members and not the list owner or moderator are responsible for not posting copyrighted material on the listserv without authorization from the copyright holder.

To join go to <http://tech.groups.yahoo.com/group/human-ethology/>

ISHE members seeking graduate students or postdoc's are invited to submit material to inform and attract potential applicants for inclusion on the ISHE web site. Research interests, recent publications, etc. may be included, along with links to the person's department and personal or lab web pages. Such material can be sent to the ISHE Webmaster, Karl Grammer (see back cover).

Linda Mealey Award for Young Investigators

- ◇ The **NEW DEADLINES** for 2008 awards are **April 1 for the abstract** and **May 15th for the longer version** of the paper ◇

The International Society for Human Ethology has established a fund to maintain the **Linda Mealey Award for Young Investigators** in perpetuity. This award honors Linda, a past president and *HEB* book review editor. The Society seeded the fund with \$40,000 and Linda's father, matched that amount. The award is given to outstanding researchers at the graduate school level in Linda's field, human ethology, based on submissions to the biennial ISHE Congress. Awards consist of a cash award and coverage of some of the recipients' travel expenses to the subsequent congress. Further details are available on www.ISHE.org.

ISHE is soliciting additional contributions to the fund to make the award more substantial and thereby further encourage and reward young researchers in human ethology. Mr. Mealey has kindly offered to match additional contributions by individuals, up to \$10,000. Donations should be sent to ISHE treasurer Dori LeCroy (see back cover for her address), made out to ISHE, and designated for the Linda Mealey Fund.

Winners of the 2006 competition were announced in Detroit at ISHE06
and are listed in the *Human Ethology Bulletin*, 2006, vol. 21, #3.

Important Notice Regarding Electronic Subscriptions

The default for new and renewed *Bulletin* subscriptions is now an electronic subscription. Members who pay dues will continue to be able to receive the printed version by requesting it at the time of renewal. Most members now receiving the *Bulletin* in printed form will continue to do so until they renew or request otherwise.

Would you like to receive the *Bulletin* sooner? ... up to 4 weeks sooner! Wish you had an electronic version to allow easier searching of the *Bulletin's* contents and easier filing of back issues? Want to see full color, higher resolution photographs in the *Bulletin*? ... You can make your wish come true by requesting an electronic (PDF) version. Switching to an electronic version will get you the *Bulletin* faster and with full color photographs and working URLs. Of course, you can also feel good about this because an electronic subscription reduces the environmental impact of the *Bulletin* and saves ISHE the funds required for printing and mailing. To request an electronic copy in place of the printed version, members should simply send their full name and e-mail address to the Membership Chair (see back cover).

A new MIT Press journal, *Evolutionary Applications*, welcomes papers about evolution and medicine. The editors welcome queries about possible contributions. Articles in the first volume are available for free download. The first issue, just out, includes a relevant article by Randolph Nesse and Stephen Stearns: [The Great Opportunity: Evolutionary Applications in Medicine and Public Health](#).

More information is available on the [Evolution and Medicine Network](#)

www.ISHE.org

We regret that most old issues of ISHE *Newsletters* and *Bulletins* have been removed from the ISHE website upon detection of a variety of problems, including miss ordered and missing pages. On a positive note, additions have been made to the many nicely rendered and searchable issues still available and listed at:

<http://evolution.anthro.univie.ac.at/ishe/about%20us/bulletin%20contents/index.html>

ISHE hopes to post improved and searchable versions of most older issues in the future.

University of Connecticut Rohner Center Awards for Distinguished Contributions to Theory, Research, and Practice on Interpersonal Acceptance and Rejection

The Rohner Center [www.cspar.uconn.edu] is pleased to announce the creation of the **University of Connecticut Rohner Center Awards for Distinguished Contributions to Theory, Research, and Practice on Interpersonal Acceptance and Rejection**. Two \$1,000 awards are intended to encourage and recognize outstanding contributions in the field of interpersonal acceptance and rejection. Researchers, scholars, and practitioners worldwide are encouraged to submit theory, research, or practice-based manuscripts on any topic relevant to interpersonal acceptance and rejection. Such topics include, but are not limited to, issues dealing with parental acceptance-rejection, peer acceptance-rejection, teacher acceptance-rejection, acceptance-rejection among intimate adults, and others. Winners of the prizes will be given their Awards at the 2nd International Congress on Interpersonal Acceptance and Rejection to be held July 3-6, 2008 on the island of Crete, Greece (www.isipar08.org).

Further information can be found at: http://www.isiparweb.org/index_files/Page1034.htm

or from Ronald P. Rohner, Ph.D., Professor Emeritus and Director, Ronald and Nancy Rohner Center for the Study of Parental Acceptance and Rejection, School of Family Studies, Unit 2058, University of Connecticut, Storrs, CT 06269-2058 USA. 1-860.486.0073 [phone]; 1-860.486.3915 [FAX]; email: r.rohner@uconn.edu

A link to the **International Society for Interpersonal Acceptance and Rejection** also can be found at: http://www.isiparweb.org/index_files/Page1034.htm. Applicants for an Award must be members of the Society at the time of application and at the time when the Award is presented.

Human Nature is now published by Springer, the international academic and profession publishing house. Springer offers a discounted subscription for 2008 to ISHE members. You can phone Springer at 1-800-Springer, e-mail service-ny@springer.com, or go to the website [www.springer.com] to place a subscription order. Please identify yourself as an ISHE member. It is best to phone or email to identify the affiliation with ISHE.

Behaviour, the journal Niko Tinbergen co-founded with W. H. Thorpe in 1948, is interested in publishing papers on human ethology. ISHE member **Marina Butovskaya** has joined the Editorial Board and reports that they are ready to accept one paper per issue on human subjects. For more information on *Behaviour*, see: www.brill.nl/beh

Upcoming Conferences

European Human Behaviour and Evolution Conference

2-4 April 2008 – University of Montpellier, France.
www.ehbes.com

NorthEastern Evolutionary Psychology Society (NEEPS) conference

2-4 May 2008 – Southern New Hampshire University in Manchester, NH
<http://www2.newpaltz.edu/~geherg/needs/>

Association for Psychological Science (APS)

22-25 May 2008 – Chicago, IL
www.psychologicalscience.org/convention

20th Annual Meeting of the Human Behavior and Evolution Society

4-8 June 2008 – Kyoto University, Yoshida Campus in Kyoto, Japan
<http://beep.c.u-tokyo.ac.jp/~hbes2008/index.htm>

2nd International Congress on Interpersonal Acceptance and Rejection

3-6 July 2008 – island of Crete, Greece
www.isipar08.org

Biennial Congress of the International Society for Human Ethology (ISHE08)

13-17 July 2008 – University of Bologna, Italy
(see details below and at www.ISHE08.org)

4th European Conference on Behavioural Biology (ECBB 2008)

18-20 July 2008 – Dijon, France
Plenary speakers include Redouan Bshary (Neuchâtel), Louis Lefebvre (Montréal) and Robert Poulin (Otago).
www.u-bourgogne.fr/ECBB2008/

American Psychological Association (APA)

14-17 August 2008 – Boston, MA, USA.

CURRENT LITERATURE

Compiled by Johan van der Dennen

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- Apicella, C. L., Feinberg, D. R. & Marlowe, F. W. (2007). Voice pitch predicts reproductive success in male hunter-gatherers. *Biology Letters*, 3, 6, 682-684. (Harvard Univ., Peabody Museum, Dept. Anthropol., 11 Divin. Ave, Cambridge, MA 02138, USA)
- Apostolou, M. (2007). Sexual selection under parental choice: The role of parents in the evolution of human mating. *Evolution and Human Behavior*, 28, 6, 403-409. (Univ. Warwick, Dept. Psychol., Coventry CV4 7AL, W Midlands, England)
- Baptista, T., Aldana, E., Angeles, F. & Beaulieu, S. (2007). Evolution theory: An overview of its applications in psychiatry. *Psychopathology*, 41, 1, 17-27. (POB 93, Merida 5101A, Venezuela)
- Barnard, P. J., Duke, D. J., Byrne, R. W. & Davidson, I. (2007). Differentiation in cognitive and emotional meanings: An evolutionary analysis. *Cognition & Emotion*, 21, 6, 1155-1183. (MRC, Cognit. & Brain Sci. Unit, 15 Chaucer Rd, Cambridge CB2 2EF, England)
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Forthcoming

Book Reviews

- ***Beyond War: The Human Potential for Peace*** (Oxford University Press, 2007) by **Douglas P. Fry** – reviewed by Judith L. Hand
- ***Comparative Vertebrate Neuroanatomy***, 2nd Ed. (2005) by **Ann B. Butler & William Hodos** – reviewed by Glenn Weisfeld
- ***Evolution and the Social Mind*** (Psychology Press, 2007) edited by **J. P. Forgas, M. G. Haselton, & W. von Hippel** – reviewed by Rick O’Gorman
- ***From Monkey Brain to Human Brain*** (MIT Press, 2005) edited by **S. Dehaene, Jean-Rene Duhamel, M. D. Hauser & G. Rizzolatti** – reviewed by Claudio Cantalupo
- ***The Omnivore’s Dilemma: A Natural History of Four Meals*** (Penguin Press, 2007) by **Michael Pollan** – reviewed by William F. McKibbin and Todd K. Shackelford
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