

AARON D. BLACKWELL

DEPARTMENT OF ANTHROPOLOGY · 1218 UNIVERSITY OF OREGON · EUGENE, OR 97403
PHONE: (541) 513-4380 · EMAIL: ABLACKWE@UOREGON.EDU
WEBSITE: HTTP://WWW.UOREGON.EDU/~ABBLACKWE/

RESEARCH INTERESTS

Applying evolutionary psychology, human behavioral ecology, and life history theory to the study of human biology and health, faith-healing, religion and ritual, violence, self-sacrifice, and warfare

EDUCATION

2006-Present: PhD Student in Biological Anthropology

University of Oregon, Eugene, OR

Dissertation proposal title: Placebos, Shamans, and Healthcare Adaptations: Examining the signs of illness as costly-signals among the Shuar of Ecuador.

2006 MA: Biological Anthropology

University of Oregon, Eugene, OR

Thesis: Terrorism, Heroism, and Altruism: The Behavioral Ecology of Palestinian Suicide Attack as a Model for the Evolution of Self-sacrificial Behavior in Humans

2000 BA: Biochemistry, Minor: English, *Cum laude*

Lewis and Clark College, Portland, OR

Overseas Study in Kenya (Spring 1998)

HONORS AND AWARDS

2007 Department Travel Award \$300 (University of Oregon)

2006 Institute of Cognitive and Decision Sciences Research Grant \$500 (Univ. of Oregon)

2006 L.S. and D.C. Cressman Prize (University of Oregon)

2006 Best Graduate Student Paper, NW Anthropological Conference, Seattle, WA

2006 Departmental Travel Award \$185 (University of Oregon)

2005-2006 Graduate Teaching Fellowship (University of Oregon)

2005 NSF Graduate Research Fellowship, Honorable Mention

2005 Departmental Travel Award \$200 (University of Oregon)

2004-2005 Graduate Teaching Fellowship (University of Oregon)

2004 Jack Kent Cooke Foundation Scholarship Nominee (Lewis and Clark College)

2003 Team of the Year, Hepatitis C Resource Center (Portland VA Medical Center)

2003 Team of the Month (December), Hepatitis C Resource Center (Portland VA)

2000 Phi Beta Kappa

2000 Finalist Rene J. Ratte Award (Lewis and Clark College)

1999 John S. Rogers Science Research Fellow (Lewis and Clark College)

1997 Robert B. Pamplin Society of Fellows (Lewis and Clark College)

1996 Trustee Scholarship (Lewis and Clark College)

1995 Frontiers of Science Institute Scholarship (University of Northern Colorado)

PEER REVIEWED PUBLICATIONS

Matthews A, Huckans MS, **Blackwell AD**, and Hauser P (2007) Hepatitis C Testing, Infection, and Treatment Rates in Bipolar patients with and without Co-Morbid Substance Use Disorders, *Bipolar Disorders*, *in press*.

Huckans, MS, Loftis, JM, **Blackwell, AD**, Linke, A, and Hauser, P. (2007) Interferon Alpha Therapy for Hepatitis C: Treatment Completion and Response Rates among Patients with Substance Use Disorders. *Substance Abuse Treatment, Prevention, and Policy* 2(1): Article 4

Huckans, MS, **Blackwell, AD**, Harms, TA and Hauser, P. (2006) Management of hepatitis C disease among VA patients with schizophrenia and substance use disorders. *Psychiatric Services* 57(3):403-406.

Turner, EH, Loftis, JM, and **Blackwell, AD**. (2006) Serotonin a la carte: Supplementation with the serotonin precursor 5-hydroxytryptophan. *Pharmacology and Therapeutics* 109(3): 325-338

Huckans, MS, **Blackwell, AD**, Harms, TA, Indest, DW, Hauser, P. (2005) Integrated HCV Treatment: Addressing Co-morbid Substance Use Disorders, Psychiatric Disorders, and HIV Infection. *AIDS* 19(Suppl 3): S106-S109

Turner, EH and **Blackwell, AD**. (2005) 5-hydroxytryptophan plus SSRIs for interferon-induced depression: Synergistic mechanisms for normalizing synaptic serotonin. *Medical Hypotheses* 65(1): 138-144

Fireman, M., Indest, DW, **Blackwell, AD**, Whitehead, AJ, and Hauser, P. (2005) Addressing Tri-morbidity (Hepatitis C, Psychiatric, and Substance Use Disorders): the Importance of Routine Mental Health Screening as a Component of a Co-management Model of Care. *Clinical Infectious Diseases* 40(Suppl. 5): S286-S291.

Huckans, MS, **Blackwell, AD**, Harms, TA, Indest, DW and Hauser, P. (2004) Hepatitis C and Human Immunodeficiency Virus: Co-Infection Rates and Co-Testing Patterns Among Veterans. *Hepatology* 40(Suppl. 1): 412A-413A

Harms, TA, **Blackwell, AD**, Huckans, MS, Indest, DW, and Hauser, P. (2004) Hepatitis C Infection, Testing, and Treatment Rates in High-Risk Veterans with Severe Mental Illness and Substance Use Disorders. *Hepatology* 40(Suppl. 1): 417A

Blackwell, AD, Linardatos, E, Whitehead, AJ, Indest, DW, Fireman, M, and Hauser, P. (2004) Use of Opioid Analgesics in Patients with Hepatitis C. *Gastroenterology* 126(Suppl. 2): A698

Nelligan, J, Indest, DW, **Blackwell, AD**, Sasaki, A, Fireman, M, and Hauser, P. (2004) Antidepressant Use in Veterans with Hepatitis C. *Gastroenterology* 126(Suppl. 2): A725

Vogt, TM, **Blackwell, AD**, Giannetti, AM, Bjorkman, PJ, and Enns, CA. (2003) Heterotypic interactions between Transferrin Receptor and Transferrin Receptor 2. *Blood* 101:2008-2014

Green, F, O'Hare, T, **Blackwell, AD**, and Enns, CA. (2002) Association of human transferrin receptor with GABARAP. *FEBS Letters* 518:101-106

PAPERS IN PREPARATION

Sugiyama LS, **Blackwell AD**. Body of evidence: A task analysis of WHR and BMI assessment psychology.

Blackwell, AD and Sugiyama, LS. The combination of low body fat and low WHR signals peak reproductive value.

Blackwell, AD. Middle-class martyrs: Modeling the inclusive fitness outcomes of Palestinian suicide attack.

Blackwell, AD, and Sugiyama, LS. Is human self-sacrifice adaptive? A mathematical examination of cultural, ecological, and demographic variables contributing to suicidal self-sacrifice in humans.

Sugiyama, LS, **Blackwell, AD**, Pryor, G, Pozo, P, and Tiwia, W. Life history tradeoffs and the health of Shuar juveniles of Morona-Santiago Ecuador.

Sugiyama, LS, Sugiyama, MS, **Blackwell, AD**, and Barrett, HC. Social niche cultivation among the Shiwiar of Ecuador.

Blackwell, AD, Sugiyama, LS. A costly signaling theory of illness.

PRESENTATIONS AND POSTERS

Blackwell, AD, and Sugiyama, LS. Is human self-sacrifice adaptive? A mathematical examination of cultural, ecological, and demographic variables contributing to suicidal self-sacrifice in humans. Human Behavioral and Evolution Society, May 2007, Williamsburg, VA

Sugiyama, LS, Sugiyama, MS, Blackwell, AD, and Barrett, HC. Social niche cultivation among the Shiwiar of Ecuador. Human Behavioral and Evolution Society, May 2007, Williamsburg, VA

Sugiyama, LS, Blackwell, AD, Pryor, G, Pozo, P, and Tiwia, W. Life history tradeoffs and the health of Shuar juveniles of Morona-Santiago Ecuador. Human Behavioral and Evolution Society, May 2007, Williamsburg, VA

McClellan, ME, Blackwell, AD, Garrett, EL, and Sugiyama, LS. Women's preferences for male body types in long term and short term mating contexts. Human Behavioral and Evolution Society, May 2007, Williamsburg, VA

Garrett, EL, Blackwell, AD, McClellan, ME, and Sugiyama, LS. The relative contributions of WHR and BMI to male perceptions of female attractiveness: What if the range of stimuli had greater evolutionary validity? Human Behavioral and Evolution Society, May 2007, Williamsburg, VA

Blackwell, AD. Placebos, Shamans, and Healthcare Adaptations: Examining the signs of illness as costly-signals among the Shuar of Ecuador. Department of Anthropology Colloquium Series, University of Oregon, Eugene, OR. February 16, 2007

Blackwell, AD. Middle-class Martyrs: Modeling the Fitness Effects of Palestinian Suicide Attack. 2006 Northwest Anthropological Conference, Seattle, WA. April 1, 2006

Blackwell, AD. Reproduction and Self Destruction: The Behavioral Ecology of Palestinian Suicide Attack. Institute of Cognitive and Decision Sciences, University of Oregon, Eugene, OR. March 10, 2006

Indest DW, Williams EE, Fireman M, Huckans MS, Loftis JM, Bjornson DL, Nelligan JA, Whitehead AJ, Zucker BL, Blackwell AD, Harms TA, & Hauser P. Universal mental health/substance abuse screening & education for veterans with hepatitis C. VA Best Practices in the Mental Healthcare Systems, Mesa AZ. September 9, 2005

Blackwell, AD. Terrorism, Heroism, and Altruism: Kin selection and socio-religious cost-benefit scaling in Palestinian suicide attack. Human Behavior and Evolution Society 2005, Austin, TX. June 1-5, 2005

Blackwell, AD. Terrorism, Heroism, and Altruism: Kin selection and socio-religious cost-benefit scaling in Palestinian suicide attack. Department of Anthropology Colloquium Series, University of Oregon, Eugene, OR. April 22, 2005

Blackwell, AD. Religious Symbols of Society and the Evolution of Group-Reciprocity. Panel presentation on "Ritual, Myth, and Ideologies", Society for the Anthropology of Religion Annual Meeting, Vancouver, B.C. April 8-11, 2005

Huckans, MS, Blackwell, AD, Harms, TA, Indest, DW and Hauser, P. Hepatitis C and Human Immunodeficiency Virus: Co-Infection Rates and Co-Testing Patterns Among Veterans. 55th Annual Meeting of the American Association for the Study of Liver Diseases (AASLD), Boston, MA. October 22-November 2, 2004.

Harms, TA, Blackwell, AD, Huckans, MS, Indest, DW, and Hauser, P. Hepatitis C Infection, Testing, and Treatment Rates in High-Risk Veterans with Severe Mental Illness and Substance Use Disorders. 55th Annual Meeting of the American Association for the Study of Liver Diseases (AASLD), Boston, MA. October 22-November 2, 2004.

Blackwell, AD, Linardatos, E, Whitehead, AJ, Indest, DW, Fireman, M, and Hauser, P. Use of Opioid Analgesics In Patients With Hepatitis C. Digestive Disease Week, New Orleans, LA. May 15-20, 2004.

Nelligan, J, Indest, DW, Blackwell, AD, Sasaki, A, Fireman, M, and Hauser, P. Antidepressant Use in Veterans with Hepatitis C. Digestive Disease Week, New Orleans, LA. May 15-20, 2004.

Williams, EE, Whitehead, AJ, Harms, TA, Socherman, RE, Indest, DW, and Hauser, P. Group Education in Veterans with Hepatitis C. 44th Annual New Clinical Drug Evaluation Unit (NCDEU), Phoenix, AZ. June 1-4 2004.

Fireman, F, Whitehead, AJ, Indest, DW, Blackwell, AD, and Hauser, P. Justification for Routine Mental Health Screening in HCV Positive Veterans. VA Office of Research and Development Meeting, Washington, DC. April 2004.

PRESENTATIONS AND POSTERS (CONT'D)

Blackwell, AD, Sponberg, S, Lochner, JE, Scalettar, BA. Construction of Tissue Plasminogen Activator/ Fluorescent Protein Hybrids and A Study of the Localization and Transport Dynamics of tPA/EGFP in Rat Hippocampal Neurons. John Rogers Summer Science Poster Session, Lewis and Clark College. September 29, 1999

CURRENT RESEARCH PROJECTS

The Shuar Life-History Project is part of the UCSB Center for Evolutionary Psychology's Human Universals Project, and is a collaborative effort involving researchers from the University of Oregon, UCSB Center for Evolutionary Psychology, UCLA, the Shuar Federation, and the Ecuadorian Health Ministry Hospital in Sucúa, Ecuador. Studies will investigate Shuar health, subsistence, economy, parenting, reasoning, and demography in order to test a variety of life history predictions. Role: Project coordinator. PI: Lawrence Sugiyama. Website: <http://www.uoregon.edu/~ablackwe/shuar/>

Placebos, Shamanism, and Healthcare Adaptations: Examining the signs of illness as costly-signals among the Shuar of Ecuador. Dissertation project under the umbrella of the Shuar Life-History Project which examines the role of illness signs and symptoms in eliciting health care from others. Role: PI

Body Shape and the Evolutionary Psychology of Human Attractiveness. Project investigates the evolutionary psychology underlying mate preferences based on body shape, with particular attention to waist-to-hip ratio vs. BMI as a predictor of female attractiveness and long term vs. short term preferences of women for male body shapes. Attractiveness is considered in life history perspective as a feature which changes across the lifespan. The study has enrolled 130 subjects to date. Role: Coinvestigator, with Lawrence Sugiyama

CO-WRITTEN GRANT PROPOSALS (FUNDED)

Turner, E.H. (PI), The Efficacy of Adjunctive Seroquel in Treatment-Resistant Depression, funded by AstraZeneca Pharmaceuticals, August 2003 (\$230,000)

Turner, E.H. (PI), 5-Hydroxytryptophan Augmentation of SSRI Therapy in Interferon-Induced Depression, funded by Oregon Health Sciences University Medical Research Foundation, November 2003 (\$30,000)

CLINICAL STUDIES PARTICIPATION

The Efficacy of Adjunctive Seroquel in Treatment-Resistant Depression, investigator-sponsored, funded by AstraZeneca Pharmaceuticals. Role: Study Coordinator, Co-investigator. 9/1/2003-3/30/2005. PI: Erick Turner, M.D.

Evaluation of Best Practice Models for Hepatitis C Care, Veterans Affairs Hepatitis C Resource Center. Role: Co-investigator, subject recruitment, database architect, and data analysis. 9/30/2002-9/30/2006. PI: Marian Fireman, MD

A Multicenter, Randomized, Double-blind, Placebo-controlled Study of Aripiprazole in the Treatment of Patients with Bipolar I Disorder with a Major Depressive Episode, Bristol-Myers Squibb. Role: Study Coordinator, Co-investigator. 12/2003-11/2005. Site PI: Erick Turner, M.D.

Activity Monitoring in Outpatients with Mood Disorders, Mini Mitter. Role: Study Coordinator, Co-investigator, rater, data collection and analysis. 12/2003-12/2004. PI: Erick Turner, M.D.

Systematic Treatment Enhancement Program for Bipolar Disorder (STEP-BD), NIMH. Role: Follow-up evaluations of study participants, including administration of the Young Mania Rating Scale and the Montgomery Asberg Depression Rating Scale. 9/1/2001-9/30/2004. Site-PI: Peter Hauser, MD

PROFESSIONAL POSITIONS

Graduate Teaching Fellow Departments of Anthropology and Biology University of Oregon, Eugene, OR Classes: Anth 174: Anthropology of Food and Health Anth 170: Intro to Human Origins Anth 173: Evolution of Human Sexuality Anth 270: Intro to Biological Anthropology Bio 131: Intro to Evolution Bio 211: General Biology 1: Cells and Genetics Bio 213: General Biology III: Populations (Ecology and Evolution) Psy 410: Evolutionary Psychology (grader)	9/04 – Present
Independent Contractor Data organization and analysis Blackwell Consulting, Eugene, OR	12/04 – Present
Research Associate/Study Coordinator Behavioral Health & Clinical Neurosciences Division Mood Disorders Research Center / Hepatitis C Resource Center Portland VA Medical Center, Portland, OR	1/03 – 8/04
Research Assistant Department of Cell and Developmental Biology Oregon Health and Science University, Portland, OR	8/00 – 11/01
Research Assistant Department of Chemistry/Biology Lewis and Clark College, Portland, OR	5/99 – 5/00
Teaching Assistant / Help Center Tutor Department of Chemistry Lewis and Clark College, Portland, OR	1/99 – 12/99

OTHER EXPERIENCE AND SKILLS

Field Experience

- 2006: Two months in Sucúa, Ecuador organizing the Shuar Life History Project with L. Sugiyama
- 2000-2002: Spent a total eleven months living and traveling in South America, including four months in Viña del Mar, Chile, and three months in Ecuador.
- 1998: Studied culture, ecology, and biology for three months in Kenya and Tanzania.

Computer Skills

- Statistical analysis and data organization in SPSS, R, Excel, and Access.
- Excellent knowledge of Windows, Mac OS, and Microsoft Office (Word, Excel, PowerPoint, Access, and Outlook).
- Programming and web design experience in Visual Basic, Turbo Pascal, and HTML. Designed applications using Visual Basic within Access and Excel, Visual Basic Scripting to interface with other applications. Database design in Access.
- Network Installation. Hardware and software installation and maintenance. Hardware and software troubleshooting.

DEPARTMENTAL AND PROFESSIONAL SERVICE

2007 Website design for the Evolution, Ecology, and Adaptation program at the U of O, the Association of Anthropology Graduate Students, and the Shuar Life History Project
2006-2007 Elected Student Representative: Human Behavior and Evolution Society
2005-2007 Elected Secretary/Treasurer Association of Anthropology Graduate Students
2005 Panel Participant, "How to Get into Graduate School in Anthropology"
2003-2004 Co-organizer, seminar series on liver health, NW Hepatitis C Research Center
1997-2000 Co-organizer, Teacher of the Year Program, Lewis and Clark College