

## THE CENTER FOR STUDIES IN DEMOGRAPHY AND ECOLOGY

The Center for Studies in Demography and Ecology, founded in 1947, supports education, research and scholarly exchange in population studies at the University of Washington. We focus on interdisciplinary research, with an emphasis on understanding the structural mechanisms that link individual behavior to population level outcomes. Our affiliates are known for their research on biodemography, health, international demography, migration, inequality, family demography, and quantitative methodology.

An independent unit on campus, the center provides research support services and educational opportunities to its members through its graduate training programs; computer lab and facilities; library collection and web services; working papers series, and weekly seminar series.

## AUTUMN 2004 PROGRAM

October 1

### Reception

October 8

*(Biodemography)*

**David Dunson**, NIH and Duke University,  
"Declines in male and female fertility with age:  
Bayesian methods and new results"

October 15

*(Regional Affiliate)*

**Pauline van den Driessche**, University of  
Victoria, "Contributions of mathematical  
modeling to the control of infectious diseases"

October 22

**Shanti Gamper Rabindran**, University of North  
Carolina, "The impact of restrictions on prenatal  
care on the health of immigrants and their  
infants: A GIS-econometric analysis"

October 29

*(Regional Affiliate)*

**Mikael Jansson**, University of Victoria,  
"Towards an understanding of youth sex trade  
involvement"

November 5

*(Biodemography)*

**Kathleen O'Connor**, University of Washington,  
"The Life History of Biodemography"

November 12

*(Regional Affiliate)*

**Eric Roth**, University of Victoria, "Self-deception  
in HIV/AIDS Risk Assessment? A test on sexual  
behavior micro-data from a northern Kenyan  
community"

November 19

**Stevan Harrell**, University of Washington,  
"Collective agriculture and fertility decline in rural  
China, 1965-1995"

December 3

*(Regional Affiliate)*

**Jutta Joesch**, Battelle Center for Public Health  
Research and Evaluation, "Lifetime marijuana  
and cocaine use and male employment: Results  
from the NLSY"

December 10

**Mark van Landingham**, Tulane University,  
"Migration and health among the Vietnamese"

## The Center for Studies in Demography and Ecology



## CSDE SEMINAR SERIES 2004-2005

## AUTUMN QUARTER

12:30-2:00 PM

FRIDAYS

DENNY HALL

ROOM 401

## Seminar Series 2004-2005

The Center for Studies in Demography and Ecology at the University of Washington invites you to attend our 2004-2005 seminar series, which will focus on the emerging field of *Biodemography* and highlight the work of our *regional affiliates*.

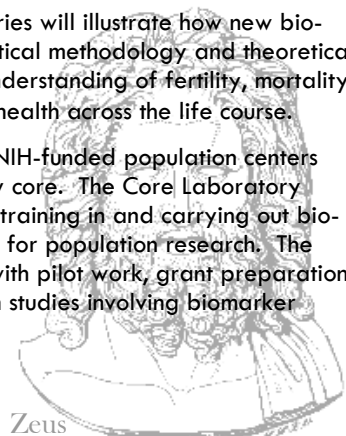
## Biodemography

Biodemography is an interdisciplinary field, bringing together the social and biological sciences in the study of human populations.

The term biodemography was first used in the 1930's by an ecologist. In 1997 the publication of *Between Zeus and the Salmon: The Biodemography of Longevity* (Kenneth W. Wachter and Caleb E. Finch, Editors) heralded the re-emergence of the field by integrating evolutionary and comparative biology with aging and mortality. More recently the NRC, and the NIH have organized conferences on the biodemography of fertility, culminating in the edited volumes *The Biodemography of Human Reproduction and Fertility* (2003), and *Offspring: Human Fertility Behavior in Biodemographic Perspective* (2003). In these works, demographers, evolutionary theorists, biologists and geneticists merge their theories, models, methods and data to forge a broader and deeper understanding of human mortality and fertility patterns and behavior.

The speakers in our series will illustrate how new biomarker methods, statistical methodology and theoretical models enhance our understanding of fertility, mortality, aging, longevity, and health across the life course.

CSDE is one of three NIH-funded population centers with a biodemography core. The Core Laboratory provides a facility for training in and carrying out biomarker assay methods for population research. The core assists affiliates with pilot work, grant preparation and full-scale research studies involving biomarker methods.



## Regional Affiliates

The CSDE fosters the population studies network in the broader Pacific Northwest through its work with eighteen affiliates at three key institutions: **Battelle: Centers for Public Health Research and Evaluation** (Seattle, WA), **the University of Victoria** (BC, Canada), and **Western Washington University** (Bellingham, WA).

**Battelle CPHRE** has long-standing ties with UW and CSDE. In May of this year, Battelle moved to South Lake Union to consolidate its Seattle research operations, bringing it closer to the growing biotech and medical research development in the Lake Union area.

In 2000, **Western Washington University** became affiliated with CSDE. WWU has recently built a biodemography laboratory to enable researchers and students to measure biomarkers of stress, metabolic and reproductive status.

The most recent CSDE affiliate institution, the **University of Victoria**, joined us in 2002. Affiliates at the University of Victoria have recently established the *Population Research Group* on their campus, which boasts an internationally-recognized group of population scientists.

## When and Where

The 2004-2005 CSDE seminar series will be held each Friday during term at 12:30pm in Denny Hall, Room 401. CSDE would like to thank the Department of Anthropology for hosting us in their seminar room.

CSDE invites you to explore the online resources provided to supplement each talk and to support further inquiry into the work presented.

<http://csde.washington.edu/training/seminar.shtml>

Attendees are welcome to join us for lunch with the speaker prior to the seminar at the Faculty Club beginning at 11:30am.

## Didactic Seminars

Biodemography talks will be followed by didactic seminars, where speakers will elaborate on the research methods featured in their talks. Didactic seminars will be held in Raitt Hall, Room 221 from 3-4 pm. Graduate students and others who are interested are welcome to attend.

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## The Center for Studies in Demography and Ecology

206 Raitt Hall Box 353412  
University of Washington  
Seattle, WA 98195-3412

Phone: 206.616.7743  
Fax: 206.616.8135

Email: [csde@u.washington.edu](mailto:csde@u.washington.edu)