# **Curriculum Vitae**

Rainer Sauerborn

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#### **EDUCATION**

7/2005 STANFORD UNIVERSITY, SCHOOL OF MANAGEMENT

Executive course on Leadership and Change Management

1997 MEDICAL LICENCING BOARD NORDBADEN, GERMANY

Specialty licence in Tropical Medicine ("Zusatzbezeichnung

Tropenmedizin")

1990-94 HARVARD SCHOOL OF PUBLIC HEALTH, BOSTON, USA

Dr. P.H. (Doctor of Public Health 6/94) in the Dept of Population and

International Health Concentration in <u>Health Economics</u>

Dissertation: Household strategies to cope with the economic costs of

illness. A study of rural communities in Burkina Faso.

Honors: Scholarship of the DAAD (German Academic Exchange Service)

1989-90 HARVARD SCHOOL OF PUBLIC HEALTH, BOSTON, MA

M.P.H. (Master of Public Health 6/90) Concentration in Epidemiology

1983-89 HEIDELBERG MEDICAL SCHOOL, GERMANY, DPT. OF PEDIATRICS,

**Pediatric Specialty Training Certificate** (4/89) of the German Pediatric Association Pediatric residency with a focus on infectious diseases, neonatal

care and tropical pediatrics

Sep. 1985 - LONDON UNIVERSITY, INSTITUTE OF CHILD HEALTH

Dec. 1986 M.Sc. in Mother and Child Health (12/96)

Dissertation: Predictors of low birth weight for use by trained traditional

birth attendants

Aug.-Sep. 1979 INSTITUT FÜR ÖFFENTLICHES GESUNDHEITSWESEN UND

TROPENHYGIENE, UNIVERSITY OF HEIDELBERG, GERMANY **Diploma: "Medicine in Developing Countries"** (9/79)

Jan. 1978 ÄRZTEKAMMER BADEN-WÜRTTEMBERG

License to practice as a physician

1975/1976 GERMAN CANCER RESEARCH INSTITUTE, HEIDELBERG, GERMANY

**Ph.D.** in Experimental carcinogenesis (12/76)

*Dissertation*: Pulse cytophotometric measurement of the DNA-distribution in DMBA- induced cancer of mouse epidermis as well as of healthy and 14-o-

TPA stimulated mouse epidermis

Honors: Magna cum laude

1970-76 BONN & HEIDELBERG MEDICAL SCHOOL

M.D. (12/76) - MD-PhD Program

# PROFESSIONAL EXPERIENCE

2000-2004 "SCIENTIFIC ADVISORY BOARD FOR GLOBAL ENVIRONMENTAL CHANGES" (WBGU) OF THE FEDERAL GOVERNMENT OF GERMANY Appointed member

7/99 - SPEAKER: SPECIAL RESEARCH CONSORTIUM (SONDERFORSCHUNGSBEREICH)
6/2002 SFB 544: "CONTROL OF TROPCIAL INFECTIOUS DISEASES" OF THE DEUTSCHE
FORSCHUNGSGEMEINSCHAFT<sup>1</sup>
Initiated the project, speaker from 7/99 through 6/02, deputy speaker since
7/02

Since 1997 RESEARCH FOCUS (FORSCHUNGSSCHWERPUNKT) "TROPICAL MEDICINE HEIDELBERG" (GRANT OF THE FEDERAL MINISTRY OF SCIENCE AND TECHNOLOGY 1994-99)

Speaker since 4/1997, reporting to an International Scientific Advisory Board

since 3/96 DEPARTMENT OF TROPICAL HYGIENE & PUBLIC HEALTH, HEIDELBERG UNIVERSITY
Chair (since 3/96) and Director of the Department (since 5/97)

7/91 - HARVARD INSTITUTE FOR INTERNATIONAL DEVELOPMENT (HIID)
2/96 Institute Associate (tenure track), from 1993-1996 "Acting Coordinator" of the HIID Health Office

7/93 - TUFTS UNIVERSITY, DEPARTMETN OF COMMUNITY MEDICINE
 2/96 Associate Clinical Professor
 Course director of "Introduction to Global Health" for MD/MPH students

Since 1/92 RESEARCH COOPERATION BETWEEN THE "CENTRE DE RECHERCHE EN SANTE DE NOUNA" IN BURKINA FASO AND THE UNIVERSITY OF HEIDELBERG Coordinator

since 1988 PROSPECTIVE HEALTH CARE INTERVENTION STUDY, BURKINA FASO Senior Research Associate, Field Director (Jan-April 1992)
Responsible for the development and implementation of the demographic and economic research instruments for a prospective community trial testing the impact of community co-financing of health services in Burkina Faso on household expenditures, health care demand, and health status. Principal Investigator of the intervention study is the MOH of Burkina Faso, research partners are: the School of Public Health, University of Ouagadougou, the Heidelberg School of Tropical Hygiene and Public Health, and ORSTOM, Paris. The project is financed by the European Community and the German Ministry of Science and Technology.

June - MEDICAL FACULTY OF OUAGADOUGOU UNIVERSITY, BURKINA FASO Sept. 1986 Visiting scholar

- 1) Director of a study on anthropometric risk indicators in newborns. Supervision of two Burkinian and one German doctoral student
- 2) Co-founder of the Faculty partnership between the medical faculties of Ouagadougou and Heidelberg University.

<sup>&</sup>lt;sup>1</sup> DFG is the equivalent of the National Science Foundation (NSF) of the US

April - HEALTH SYSTEMS RESEARCH PROJECT SOLENZO, BURKINA FASO

Sept. 1985 Co-director of the field research team. Designed the instruments for a

household interview study, a provider survey, a user survey (or exit poll) and participant observation to assess the quality of the process of ambulatory care.

The project was financed by the Commission of the EC

Supervision of three Burkinian students.

Sept. HEIDELBERG MEDICAL SCHOOL, DEPARTMENT OF PEDIATRICS

1983- Resident in clinical pediatrics and reader in Tropical Pediatrics and Organization

Sept. 1989 of MCH -Services. Doctoral advisor for two medical students.

April -Aug. KRANKENHAUS SALEM, HEIDELBERG 1983 Resident in obstetrics and gynecology

Sep. 1979- DISTRICT HOSPITAL NOUNA, BURKINA FASO

Jan. 1983 District Medical Officer in the Nouna district of Burkina Faso. Responsible for

the management as well as the medical, surgical and obstetric care at the 120 bed district hospital and 12 health clinics in the district (150,000 inhabitants). Duties included on-the-job training and supervision of the professional staff (63) of the health district, for training and supervision of community health workers, mass immunizations, EPI, control of diarrhoeal diseases, family planning, control of endemic diseases (guinea worm, schistosomiasis, leprosy

and trachoma)

Feb.-Aug. DUMBARTON DISTRICT HOSPITAL, SCOTLAND

1979 Senior House Officer in obstetrics...

Sept. 1977 ST. JOSEPH KRANKENHAUS, LORSCH, GERMANY

- Jan. Resident in general surgery and emergency medicine

1979

Jan. - Aug. UNIVERSITY HOSPITAL, HEIDELBERG, GERMANY

1977 Clinical rotations through internal medicine, surgery and pediatrics.

# TEACHING EXPERIENCE

# 1) Medical Students (graduate teaching)

# 1996 - Graduate teaching (medical students), Under the HeiCuMed program, today HEIDELBERG MEDICAL SCHOOL

- developed as convener a three week full time module on Public Health (module leader): Health economics, prevention, health services delivery, health systems
- Infectious diseases

# 1993-2/96 TUFTS UNIVERSITY, MD-MPH program

As associate clinical professor, taught the module "International Health" for students in the MPH/MD program.

# 2. Postgraduate teaching (M.Sc. and doctoral levels)

# 2002 today

 Graduate doctoral program "GK273 Epidemiology of infectious and non-communicable diseases and their interaction", HEIDELBERG UNIVERSITY

(Coordinator: Heiko Becher)

taught epidemiological and demographic field methods, health outcomes assessment. Supervised three doctoral students from the Grad. College.

# 2005 - M.Sc. of International Public Health, HEIDELBERG UNIVERSITY today Course director

team development of curriculum, based on M.Sc. Community Health and Health Management, taught from 1986 through 2004.

Supervision of 29 M.Sc. theses between 1996 an 2007.

The course covers the field of public health viewed from an international angle It is built in a modular way: a base module of 20 ECTS is compulsory for all, thereafter the course splits in two tracks:

- 1) **European track** (within the TropEd network of 29 European Universites): exchange of at least 15 ECTS of mutually accredited courses with a European partner university, M.Sc. (20 ECTS) at Heidelberg University
- 2) **Heidelberg track** this allows the student to take the entire course at Heidelberg Unversity. 20 ECTS points of short two weeks teaching module can be picked from a menu of currently 11 courses.

Students in both tracks need to write a dissertation (20 ECTS).

The course is offered on with a tuition which is gradually covering the full costs of teaching.

# 2002-2004 M.Sc. of Health Economics –course director HEIDELBERG UNIVERSITY and NEW ECONOMICS UNIVERSITY, HANOI

# Developed and taught 20% of new course

Leading to a Heidelberg University M.Sc. degree

⇒ This is a full time one-year course on health economics, taught by Heidelberg University faculty, funded by The World Bank. Our and our Vietnamese partners' perspective is to perpetuate the course as a joint degree building on modern technology of distant teaching

# Since 2002 Short courses ("advanced modules") 2 wks = 3 ECTS Course director

- Health care financing and insurance
- Leadership and change management
- Climate change and human health

These courses are stand-alone teaching units, but can also be enrolled in as part of the accredited European M.Sc. Intl. HIth (s.o) as modules

#### 1991- 2/96 HARVARD SCHOOL OF PUBLIC HEALTH

Guest lecturer:

- (i) "Geographical information systems a tool for decision making for health planners and managers" in the executive summer course "Management of Health Care in Developing Countries" (course director: Paul Campbell).
- (ii) "Combining qualitative and quantitative field methods" in the course "Epidemiological Field Methods" (course director: Uwe Brinkmann).
- (iii) "Malaria its economic impact on households", in the course "Biology, epidemiology and economy of malaria" (course director: Andrew Spielman).
- (iv) "The impact of illness on the household economy", in the course "Health and the Household Economy in Developing Countries" (course director: Peter Berman).

# 9/1994- HARVARD INSTITUTE FOR INTERNATIONAL DEVELOPMENT 2/96

- (i) Course Director of the "Executive Summer Course in Health Care Financing in Developing Countries" (6 weeks). The curriculum development, the first course was scheduled for summer 1996, but not held because of my departure to Heidelberg.
- (ii) Curriculum development of the health care modules for the IDB Executive Summer Course "Social Sector Policy in Latin America". The modules deal with:

Assessment of the efficiency and equity effects of health systems.

The optimal roles of the public and private sectors within health systems.

The contribution of the health sector for production and economic growth. National Health Accounts

The Disability Adjusted Life Years (DALY) approach for prioritizing health care interventions based on cost-effectiveness

## 1995, 1998 HEALTH SERVICES ACADEMY, ISLAMABAD, PAKISTAN

Health economics module in the MPH program

PEDIATRIC HOSPITAL OF HEIDELBERG UNIVERSITY, SCHOOL OF

1986-89 NURSING

Bedside teaching for MD students; lecturing in tropical pediatrics, international health and health system research. Co-supervisor of two doctoral candidates.

HEIDELBERG INSTITUTE OF TROPICAL HYGIENE AND PUBLIC HEALTH 1983-today

Lecturer in the course "Medical care in developing countries". Subjects: Global health policy, immunization, management of district health care,

monitoring and evaluation

1983-1985 PEDIATRIC HOSPITAL OF HEIDELBERG UNIVERSITY, SCHOOL OF

**NURSING** 

Course in anatomy, physiology and clinical medicine

# PROJECT AND RESEARCH GRANTS

# 1) submitted currently under review

Year	000 €	Funding source	Project-#	Project description	
2007	5,000	DFG	GSC206	Heidelberg Graduate School "International Public Health" – coordinator (Sprecher)	
2007	5,000	DFG	GSC220	Heidelberg Graduate School of Mathematical and Computational Methods of Sciences (one of 25 principal investigator)	
2006	ca. 3,000 /y	DFG	n/a	Schwerpunktprogramm "Global Environmental Changes and Human Health in West-Africa: Impacts and adaptation - coordinator (Sprecher)	
2007	500/ 3y	DFG	n/a	"Land use and land cover as a driving force for malaria transmission – an interdisciplinary population based study combining GEO and Health Sciences in rural Burkina Faso", with Prof. Kappas, Göttingen as co-PI	

# ACQUIRED RESEARCH and TEACHING GRANTS

Year	000 €	Funding	Project-	Project description
		source	#	
2005	ca. 300*/ 2y	BMBF	Sustainable megacities of the future	Joint project* with Prof. B. Eitel as Principal Investigator, project pilot phase under the "Megacities of Tomorrow" BMBF Focus (Schwerpunktprogramm), Final contract will be ca 15M Euro for 9 years.
2005	750	State Ministry of Research Baden-W.	CRSN-3	Follow up grant on CRSN-2 (together with Prof. Kräußlich) The focus of this grant is on creating clinical research capacity in conjunction with the local district hospital and to create the capacity to integrate environmental/climate data in the demographic surveillance
2005	381/ 3y	DFG	SFB-544	Project D2 (health insurance and quality of care, a cluster randomized trial) within SFB, positively evaluated for another 3 years

2004	1,100	World Bank	M.Sc. IPH	Development and teaching of a new track "International Heath Care Management" within the accredited M.Sc. in International Public Health (M.Sc. IPH)		
2002	4,000 / 3y	DFG	SFB-544	Second phase after positive evaluation through DFG. Control of tropical infectious diseases (Speaker: Rainer Sauerborn, as of 7/02 deputy, while HG Kräußlich took over as speaker) Ad personam projects within the SFB:  Project D2: Community-based health insurance Project Z1. Speaker (s.a.)		
2002	750	State Ministry of Research Baden-W.	CRSN-2	Follow up grant on CRSN-1. The focus of this grant is on creating clinical research capacity in conjunction with the local district hospital and to create the capacity to integrate environmental/climate data in the demographic surveillance		
2002	1,300 <sup>2</sup>	DFG	GK793	Graduiertenkolleg 793 "Epidemiology of communicable and non communicable diseases and their interaction" (Speaker Heiko Becher of Dept. of Tropical Hygiene and Public Health). This is a post graduate research program in which funds 15 doctoral fellows, of whom 2 are supervised by R. Sauerborn		
2001	800/ 3y	EU	MAMOP	Improving the management of childhood malaria: an experiment to bridge the gap between mothers and health care providers		
2001	97/ 1y	EU	LINK_HSR -TAP	Establishing and reinforcing links between EU-financed health systems research and technical assistance projects for health sector reform policy development in countries from the south		
2000	250/ 2y	World Bank	M. Sc. in Health Economics (Hanoi)	A Heidelberg teaching export: M.Sc. Health Economics: Curriculum development and first round of teaching		
2000 - 2004	120	BMBF	WBGU	Research assistant (1/2 position for 4 years) to the RS as member of the "Scientific Council to the Federal Government on Global environmental Change" ("Wissenschaftliche Beirat der Bundesregierung zu globalen Umweltveränderungen (WBGU)")		
1999	1,500 /y	DFG	SFB 544	Control of tropical infectious diseases (Speaker: Rainer Sauerborn, since 7/99 together with Michael Lanzer, Molecular Parasitology).  Ad personam projects within the SFB:  Project D2: Community-based health insurance (PI, with J. Sommerfeld)  Project D5: Economic evaluation of interventions delivered at the community level (with C. Schmidt (PI) and R. Baltussen)  Project Z1: Speaker of the SFB		
1999	750	Land of Baden- Württem.	Cooperati on with CRSN <sup>3</sup> ,	Infrastructure and running costs for a multi-disciplinary Nouna Health Research Center as Partner of the SFB		
1998	440	EU, DGXII		Strategies to improve the use of research for health sector reform (concerted action with 11 partners)		

 $<sup>^2</sup>$  This is the sum for the ENTIRE postgraduate program, in which RS tutors 2 of 15 doctoral students  $^3$  CRSN=Centre de Recherche en Santé de Nouna, Burkina Faso

1998	190	Rockefeller Foundation		INDEPTH (network of demographic surveillance based research sites)	
1995	3,300	World Bank	-	Technical Assistance to the Palestinian Health Authority	
1995	280	EU	-	Community-based Prepayment and Health Insurance Schemes in Rural Burkina Faso and Ghana: an Intervention Study	
1995	64	World Bank	48-092- 0001-1- 30	6-week course "Econometric modeling of health care demand" - instructor: Paul Gertler	
1985	427	EU	TSD-053- D(B)	Solenzo Gesundheitssystemforschung, Burkina Faso	
1994	775	German Ministry of Science & Technology	01KA9301	The impact of improving mothers' home treatment and mothers' access to health services on infant mortality (Burkina Faso)	
1994	54	UNICEF	94-043	"Child Survival Bridge Project" , Cameroon	
1993	1,912	USAID	631-0056- C-00-7096- 00, amend't 7	extension (1 year)	
1993	507	EC	TS3 CT 92-0078	idem, project extension (2 years)	
1989	585	EC	TS2-0306 D(MB)	Burkina intervention study to assess health impact of health policy changes, Burkina Faso	
1985	640	EC	TSD-053- D(B)	Solenzo Health System Research Project, Burkina Faso	

# **CONSULTING**

- 1997 Etude de faisabilité pour un observatoire de santé au Mali. Bamako Mali. (for the Projet de Santé Publique et d'Hydraulique Rural (funded by World Bank, UNICEF, USAID and KfW). March 97.
- Teaching of Health Economics Module at the Health Services Academy, Islamabad, Pakistan.
- Participation in a team of EC-consultants assisting the Ministry of Health of Palestine in the Development of a Strategy for future health research in Palestine, *Gaza, Palestine*, 18.-21.9.95, (for the EC).
- 1995 Curriculum development for the post-graduate course in "Health Economics" of the new MPH course of the "Health Services Academy, Islamabad" of the Ministry of Health, *Islamabad*, *Pakistan*, 20.7.- 8.8.95 (for GTZ).
- Member of expert panel for the review of research proposals in the field of vaccine development and applications submitted to the European Community. *Brussels*, *Belgium*, June 19-23, 1995. (for the EC).
- Modeling the elasticity of demand for health care in urban Bolivia (with Marina Cárdenas and Paul Gertler), UDAPSO-project, *Cambridge*, USA (for USAID).

- Design and implementation of a Geographical Information System for the Social Sector of Bolivia. UDAPSO project, *La Paz, Bolivia* (for USAID).
- Design of a Health Management Information System for the MCH project, *Yaoundé, Cameroon* (for USAID).
- 1991 Co-financing and co-management of provincial health services through "Provincial Health Funds" in Cameroon, MCH-project, *Yaoundé, Cameroon*, (for USAID).
- Development of anthropometric predictors of low birth-weight for the MOH, Burkina Faso (for the EC)

#### **AWARDS**

- Chevalier de l'Ordre National du Burkina Faso, 2004 (equivalent to the German «Bundesverdienstkreuz»)
- Research Award, Harvard Institute for International Development, 1994.
- Scholarship of the DAAD (German Academic Exchange Service), special award for epidemiology (1989-91).
- Magna cum laude (Ph.D. thesis).
- Scholarship of the "Studienstiftung des Deutschen Volkes" (1970-76) comparable to the Rhodes fellowship program of the US, since 2001 Mentor of Studienstiftung scholars.

#### **LANGUAGES**

	Fluent	Good	Basic
German	mother tongue		
English	X		
French	X		
Spanish	X		
Bambara*		Χ	
Turkish		X	
Swedish			Χ

<sup>\*</sup>language spoken in Mali and large parts of Burkina Faso

# **COMPUTER SKILLS**

Statistics/Econometrics SPSS, Stata, SAS, E-view, Epi-Info

Demography Mortpak (indirect estimation of mortality and fertility), Stata

GIS ArcView

Qualitative research Ethnograph, AtlasTi Relational database Microsoft Access Spreadsheet Excel for Windows

Project planning Microsoft Project, On Target

Staff management Manage Pro

Word processing Microsoft Word for Windows

Bibliographic software Reference manager,

Graphics Draw, Corel, Micrografix Designer Suite

Presentations Power Point Concept development Mind Manager

# MEMBERSHIP IN SCIENTIFIC ADVISORY BOARDS

Institut Pasteur, School of Public Health (with CNAM), since 1/2007

Diversitas (ICSU program) Germany, Scientific Advisory Board (since 2004)

Conseil Scientifique: Gestion des Impacts du Changement Climatique, Ministère de l'Ecologie et du Développement Durable, Gouvernement Français, since 2005

Scientific Advisory Board of the **German Federal Government** for "Global Envirnmental Change and Health" (**Wissenschaftlicher Beirat der Bundesregierung für Globale Umweltveränderungen - WBGU**) (appointment by Federal Cabinet decision). 2000-2004.

National Committee for Global Change Research of the German Science Foundation (DFG) (appointment). 2001-2005.

Scientific Advisory Council for the **INDEPTH Research Network** (Intl. Network of Research sites with Demographic Evaluation of Populations and Their Health), since 2002.

**Earth System Science Program (ICSU)**, Member of writing team of science plan for project: Human Health and Global Change— since 11/2003.

Wellcome Trust. Program review for public health/epidemiology, 2003-2004.

Conseil Scientifique de l'Ecole Dctorale de Santé Publique, **Université Pierre et Marie Curie**, **Paris** –since 2001.

Scientific Advisory Board Member, **Emerging Diseases in Europe Network** (EDEN), Coordination: Oxford University, since 2005.

#### MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

International Health Economics Association (IHEA)
International Union for the Scientific Study of Populations (IUSSP)
American Public Health Association (APHA)
International Society for Quality of Care (ISQua)
International Physicians for the Prevention of Nuclear War (IPPNW)
New York Academy of Sciences
German-Turkish Health Foundation
German Association for Tropical Medicine (DTG)
German Association for Tropical Pediatrics

# PERSONAL INFORMATION

Born on March 1, 1952 in Waldniel/Niederrhein, Germany Married to Eser Sauerborn MD, since 1986 Four children (born 1986, 1989, 1992 and 1993) Hobbies: classical music, piano, ethnic cooking, jogging, nature, history

## TUTORING OF DOCTORAL STUDENTS AND HABILITATIONS

# External examiner at:

London School of Hygiene and Tropical Medicine. Umea International School of Public Health Karolinska Institut, Stockholm Cape Town University, South Africa Université 6, Marie-Curie (Sorbonne), Paris Universität Wien, Institut für Sinologie

#### Mentor

Studienstiftung des Deutschen Volkes (Vertrauensdozent) = a national scholarship program for highly gifted students (similar to the Rhodes Fellows in the US)

# 1) SUPERVISED DOCTORAL STUDENTS

#### ACCOMPLISHED DISSERTATIONS

Name, first name	Country of	Discipline of	Degree	Date of	Duration	Grade awarded
	origin	candidate		award	(years)	
Akunne, Anayo	Nigeria	Pharmacy	Dr. Sc.	2006	3.5	Magna cum laude
De Allegri, Manuela	Italy	Sociology	Dr. Sc	2005	3	Summa cum laude
Yé, Yazoumé	Burkina Faso	Geography	Dr. Sc	2005	3	Magna cum laude
Zoungrana, Alfonse	Burkina Faso	Medicine	Doctorat en médicine	2005	3	Distinction
Mujinja Phare	Tanzania	Ecnomics	Dr. Sc	2005	4	Magna cum laude
Wladarsch, Evelyn	Germany	Ethnology	Dr. phil.*	2004	4	Summa cum laude
Pokhrel, Subhash	Nepal	Ecnomics	Dr. Sc	2004	2.5	Summa cum laude
Hayat, Budi	Indonesia	Ecnomics	Dr. Sc	2004	3	Summa cum laude
Horchler, Sonja	Germany	Sociology	Dr. Sc	2004	4	Magna cum laude
Mietens, Annette	Germany	Medicine	Dr. med.	2004	3	Cum laude
Usfar, Avita	Indonesia	Nutrition	Dr. Sc.	2003	3	Magna cum laude
Mugisha, Fred	Uganda	Statistician	Dr. Sc.	2002	2.5	Magna cum laude
Sameen, Siddiqi	Pakistan	Medicine	Dr. med.	2002	4	Magna cum laude
Kowalewski, Marga	Germany	Medicine	Dr. med.	2001	3	Magna cum laude
Roll, Clemens	Germany	Medicine	Dr. med.	2000	4	Magna cum laude
Benzler, Justus	Germany	Medicine	Dr. med.	2000	4	Magna cum laude

<sup>\*</sup> Doctoral supervision with Prof. J. Wassmann, Institute of Ethnology, Heidelberg University

# DISSERTATIONS CURRENTLY UNDER SUPERVISION

Name, first name	Country of origin	Discipline of candidate	Degree
Le Thi Thanh An*	Viet Nam	Mathematics	Dr.rer. nat
Carrera, Percivil	Phillippines	Law	Dr. Sc.

Loukanova, Svetla	Bulgaria	Medicine	Dr. med
Gbangou, Adjima	Burkina Faso	Demography	Dr. Sc
Kouyaté, Bocar	Burkina Faso	Medicine	Dr. med.
Siefken, Claudia	Germany	Education	Dr. Sc
Bagagna, Cheikh	Burkina	IT engineering	Dr. Sc
Koskinen, Yaako	Finland	Medicine	Dr. med.
Gwanali, Denvendra	Nepal	Statistics	Dr. Sc
Herdecke, Regine	Germany	Economics	Dr. Sc
Kofi, Patience	Ghana	Journalism	Dr. Sc
Pfeiffer, Karolin	Germany	Medicine	Dr. Sc
Sanou Mamadou	Burkina Faso	Sociology	Dr. Sc
Yamamoto, Shelby	Canada	Envmtl sciences	Dr. Sc
Yé Maurice	Burkina	Medicine	Dr.med

<sup>\*</sup> Doctoral supervision with Prof. W. Jäger, Interdisciplinary Center for Scientific Computing, Heidelberg University

# 2) SUPERVISED HABILITATIONS (Postdoctoral degree)

Completed habilitations

Name, first	Country of	Field of candidate	Degree	Year of award
name	origin		3	
MARX,	Germany	Medicine		2006
Michael				
MÜLLER,	Germany	Medicine		2004
Olaf			Dr. habil. in	
RAZUM,	Germany	Medicine	Public	2003
Oliver			Health	
JAHN,	Germany	Medicine		2001
Albrecht				

Current habilitations in process

Name, first name	Country of origin	Field of candidate	Degree	Anticipated year of award
JUNGHANNS,	Germany	Medicine		2007
Thomas			Dr. habil. in	
DONG	China	Health economics	Public	2009
Hengjin			Health	

# **PUBLICATIONS**

# Reviewer for several journals and organizations

Health Economics, Social Science and Medicine, American Journal of Public Health, International Journal for Quality of Care, Tropical Medicine and International Health, Health Policy and Planning, Bulletin of the World Health Organization, Scandinavian Journal of Public Health, BMC (online journal), Health Research Policy and Systems (online journal).

Reviewer for the Federal Ministry of Research and Education (BMBF), the German Science Foundation (DFG), the Wellcome Trust (UK) and Institut Pasteur (France).

Reviewer for the Intergovernmental Panel on Climate Change (IPCC) Fourth Assessment Report, Working Group II: "Impacts, Adaptation and Vulnerability".

Reviewer for the Millennium Ecosystem Assessment under the auspices of WHO.

# 1) Journal articles, peer-reviewed journals only

#### 2007

Yé Y, Kyobutungi C, Louis V and Sauerborn R (2007) Micro-epidemiology of P falciparum malaria: Is there any difference in transmission risk between neighbouring villages? Malaria Journal, Malaria Journal 6:46 doi:10.1186/1475-2875-6-46.

Dong H, Gbangou A, de Allegri M, Pokhrel S, Sauerborn R (2006) The differences in characteristics between health-care users and non-users - Implication for introducing community-based health insurance in Burkina Faso. Eur J HIth Econ. Forthcoming.

Sauerborn R (2007) Global environmental change - an agenda for research and teaching in public health – Invited Editorial. Scand J Public Health, accepted.

Yé Y, Louis V, Seraphin Seraphin Simboro S, Sauerborn R (2007) Assessing the meteorological effects on clinical malaria among children, using village-based meteorological station and community-based active case detection. BMC Public Health, accepted.

Yé Y, Sauerborn R, Simboro S, Hoshen M (2007) Using modeling to assess malaria infection risk during the dry season on a local scale in an endemic area of rural Burkina Faso Annals of Tropical Medicine and Parasitology, in press.

Yé Y, Hoshen M, Kyobutungi C, Sauerborn R (2007) Research letter: Can weekly home visits and treatment by non-medical personnel reduce malaria-related mortality among children under age 5 years? J Trop Paediatr, accepted.

Kappas M, Karthe D, Kyobutungi C, Yé Y, Sauerborn R (2007) Climate change and diseases. Geographische Rundschau (international edition). Invited Review, accepted.

#### 2006

De Allegri M, Kouyaté B, Becher H, Gbangou A, Pokhrel S, Sanon M, Sauerborn R (2006) Understanding enrolment in community health insurance in sub-Saharan Africa: population-based case-control study in rural Burkina Faso. Bulletin of WHO. 84(11)852-8.

Akunne AF, Louis VL, Sanon M, Sauerborn R (2006). Biomass solid fuel and acute respiratory infections: The ventilation factor. International Journal of Hygiene and Environmental Health. 209(5):445-50.

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Note: Rainer Sauerborn was one of 9 members/authors of the Scientific Council of the Federal German Government on Global Environmental Change/ Wissenschaftlicher Beirat der Bundesregierung für Globalen Umweltwandel (www.WBGU.de).

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#### **PRESENTATIONS**

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