



# CONTENTS

|                                                                                                                                 |              |
|---------------------------------------------------------------------------------------------------------------------------------|--------------|
| <b>Welcome</b>                                                                                                                  | <b>4</b>     |
| <b>Summer School   2017   Week 1</b>                                                                                            | <b>5 10</b>  |
| 19.06.2017   Welcome and Introduction into Dementia Research                                                                    | <b>5</b>     |
| 20.06.2017   Ageism, Communication, and Field Research                                                                          | <b>6</b>     |
| 21.06.2017   Lifestyle-integrated Functional Exercise in Different Target Groups<br>Afternoon program at the Bethanien Hospital | <b>7 8</b>   |
| 22.06.2017   New Technologies and Dementia/ Day Centers for People with Cognitive<br>Disorders in Thessaloniki, Greece          | <b>9 10</b>  |
| <b>Summer School   2017   Week 2</b>                                                                                            | <b>11 15</b> |
| 26.06.2017   Introduction to Epidemiology, Reliability of Screening Tests and Issues in<br>Study Designs/ Analysis              | <b>11</b>    |
| 27.06.2017   Architecture of Dementia-sensitive Hospitals                                                                       | <b>12</b>    |
| 28.06.2017   Advance Care Planning (ACP) and Detection of Delirium                                                              | <b>13</b>    |
| 29.06.2017   Care of People with Dementia in Acute-care Hospitals                                                               | <b>14</b>    |
| 30.06.2017   to be announced                                                                                                    | <b>15</b>    |
| <b>Credits</b>                                                                                                                  | <b>28</b>    |
| <b>CV</b>                                                                                                                       | <b>16 27</b> |
| gefördert von der <b>Robert Bosch Stiftung</b>                                                                                  |              |



# WELCOME

In this year's Summer School we seek to strengthen and expand on its highest level the mutual understanding and interaction between the disciplines represented by the scientists of the Postgraduate Program „People with Dementia in the Acute-care Hospitals“.

Each day of the Summer School will focus on one specific topic of the postgraduate program: dementia, ageism, communication, field research, functional exercise, new technologies, architecture, advance care planning, delirium, and hospital care.

We are convinced that the Summer School 2017 will be a dynamic, interactive, and highly rewarding two weeks. Participating graduates will benefit from expert knowledge of different fields with relevance to the research focus “People with Dementia in the Acute-care Hospitals”.

We are grateful to the graduates for organizing the program of the Summer School and their commitment to its success.



Konrad Beyreuther  
Director NAR



Birgit Teichmann  
Science Management

**DATE** | 19.06.2017  
**TOPIC** | Welcome and Introduction into Dementia Research  
**RESPONSIBLE** | Prof. Dr. Dr. h.c. K. Beyreuther  
Prof. Dr. L. Frölich | Anton Schönstein

## LEARNING TARGETS

- The definition of dementia and neurodegeneration, including the differentiation between regular brain aging and dementia. Incidences of, prevalences of, as well as similarities and differences between certain types of dementia. Also, the cellular and molecular changes in dementia disorders, the correlation between pathology and symptoms, the long preclinical phases of dementia disorders, therapeutic research along with primary and secondary prevention. Finally, considerations on how the future incidences and prevalences of dementia disorders will develop.
- Clinical trials and Alzheimer's disease | How pharmaceutical trials are designed, what their outcomes are, and what we can learn from Alzheimer's trials that did not succeed
- To get an overview and basic understanding of the most commonly used tests and screening methods for detecting dementia and related disorders

## SCHEDULE

08.00 | Welcome | K. Beyreuther | B. Teichmann  
08.30 | Dementia Today and Tomorrow | K. Beyreuther  
10.00 | Coffee break  
10.30 | Diagnosis and Therapy of Alzheimer's Dementia | L. Frölich  
12.00 | Lunch break  
13.00 | Neuropsychological Testing | A. Schönstein  
14.30 | Coffee break  
14.45 | Expectations and Questions | K. Beyreuther | B. Teichmann  
16.00 | End

**DATE** | 20.06.2017  
**TOPIC** | Ageism, Communication, and Field Research

**RESPONSIBLE** | Eva-Luisa Schnabel | Hans-Werner Wahl  
Prof. Dr. Martina Schäufele | Julia Schneider

## LEARNING TARGETS

- Theories and methods in research on ageism and age discrimination
- Verbal communication and dementia  
Part 1 | Theoretical background; 40 minutes  
Theoretical background: e.g., impact of dementia on language, production and comprehension | 5-minute break  
Part 2 | Practical exercises; 45 minutes  
Practical exercises: e.g., work with already published transcripts in small groups | Discussion and development of more successful communication strategies | Role-plays
- Requirements and challenges of field/implementation research | Theoretical introduction, essential steps explained by the completed project “Long-Term Care in Motion”, empirical findings on barriers and facilitators in the hospital setting
- Transferring the learning targets to other projects of the graduate program  
Methods | Brainstorming and discussion in small groups | flip chart presentations | Summary

## SCHEDULE

08.30 | Welcome | H-W. Wahl | E-L. Schnabel  
10.00 | Coffee break  
10.30 | Verbal Communication and Dementia | E-L. Schnabel | J.Schneider  
12.00 | Lunch break  
13.00 | Requirements and Challenges of Field/Implementation Research | H-W. Wahl  
14.00 | Talk about the GHoSt-Study | M. Schäufele  
15.00 | Coffee break  
15.30 | Transferring the Learning Targets to Other Projects | H-W. Wahl | E-L. Schnabel  
16.30 | End

**DATE** | 21.06.2017  
**TOPIC** | Lifestyle-integrated Functional Exercise in Different Target Groups

**RESPONSIBLE** Dr. Michael Schwenk | Nacera Belala

### **LEARNING TARGETS**

- Exercising as part of the daily routines
- Ideas and concepts of Lifestyle-integrated Functional Exercise (LiFE)
- Advantages and Disadvantages
- New Developed Programs
- Exercising in Different Groups
- Assessment of Balance, Strength and physical activity

### **SCHEDULE**

08.00 | Welcome | M. Schwenk | N. Belala | K. Hauer | P. Heldmann  
08.30 | LiFE – What Is Possible? | M. Schwenk | N. Belala  
10.00 | Coffee break  
10.30 | Testing the Test – LiFE Assessment in Action | M. Schwenk | N. Belala  
12.00 | Lunch break

**DATE** | 21.06.2017 Afternoon Program | Bethanien Hospital Heidelberg  
**TOPIC** | Physical Activity and Basic Motor Skills in People with Dementia

**RESPONSIBLE** | Apl. Prof. Dr. Klaus Hauer | Patrick Heldmann  
Dr. Rainer Beurskens | Christian Werner

### **LEARNING TARGETS**

- Physical Activity and Dementia | The role of physical activity in older people with and without dementia | Theoretical background and assessment strategies from low-tech to high-tech
- Instant aging | The effect of dementia on basic motor skills and the consequences in daily life using the example of the sit-to-stand transfer | Performance of the sit-to-stand (sts) movement and clinical examples with patients suffering from dementia (video demonstration)

### **SCHEDULE**

13.00 | Physical Activity (PA) and Dementia | R. Beurskens | P. Heldmann  
14.30 | Coffee break  
14.45 | Instand Aging and Basic Motor Skills | K. Hauer | C. Werner  
16.30 | End



**DATE** | 22.06.2017  
**TOPIC** | New technologies and Dementia/ Day Centers for People with Cognitive Disorders in Thessaloniki, Greece  
**RESPONSIBLE** | Stelios Zygouris

## LEARNING TARGETS

- Gain an overview of the use of information and communication technology (ICT) in dementia including new avenues for research and clinical applications | potential pitfalls and dead-ends
- Understand the role of computerized tests in the detection of cognitive disorders with the further aim of understanding:  
The different categories of computerized tests | How they should be integrated in healthcare | Why digitizing existing pencil and paper tests is not enough | The role of new hardware and why the latest technology is not always the best
- Participate in a focus group aimed at generating feedback concerning the usability of a new computerized instrument for mild cognitive impairment (MCI) detection with the further aim of understanding:  
The importance of usability assessment in the development of a new computerized instrument | The ways in which a researcher can extract qualitative data concerning the usability of a novel instrument from a panel of experts
- Understand the development process for a new instrument and the ways in which health experts and older adults can both participate in the design process | Discuss existing good practices from the UCSF Memory and Aging Center and how they can be transferred to other institutions
- Gain an overview of the operations of the two day centers of the Greek Association of Alzheimer's Disease and Related Disorders in Thessaloniki with the aim of understanding:  
The process of establishing a day center in collaboration with stakeholders and state authorities | How a day center functions | Ties between the day center, the community and healthcare services | The day center as a hub for research activity

**DATE** | 22.06.2017  
**TOPIC** | New Technologies and Dementia/ Day Centers for People with Cognitive Disorders in Thessaloniki, Greece  
**RESPONSIBLE** | Stelios Zygouris

## **SCHEDULE**

08.00 | Welcome | M. Tsolaki | S. Zygouris  
08.30 | Introduction to the use of information and communication technology with patients with cognitive disorders | Opening new avenues and avoiding dead-ends | (presentation & discussion) | S. Zygouris  
09.40 | Screening for dementia in the digital age. Are we doing all we can? A transatlantic perspective. | S. Zygouris  
10.00 | Coffee break  
10.30 | ICT solutions for supporting patients and caregivers | S. Pantelopoulos  
12.00 | Lunch break  
13.00 | Focus group - evaluating the usability of the Virtual Supermarket Test | S. Zygouris  
14.30 | Coffee break  
14.45 | Our experiences from the two day centers of the Greek Association of Alzheimer's Disease and Relative Disorders in Thessaloniki | (presentation & discussion) | M. Tsolaki  
16.30 | End

**DATE** | 26.06.2017  
**TOPIC** | Introduction to Epidemiology, Reliability of Screening Tests and Issues in Study Designs/ Analysis

**RESPONSIBLE** | Ute Mons | Laura Perna | Tobias Möllers

## LEARNING TARGETS

- Basic knowledge of Epidemiology:  
What does Epidemiology do? | Disciplines of Epidemiology
- Knowing different measures for occurrence of disease:  
Prevalence/Incidence | Mortality
- Being able to differentiate measures of risks and associations:  
Relative Risk/ Odds Ratio | Attributable Risk
- Be aware of measures of reliability of screening tests:  
Sensitivity and specificity | ROC Curve | Practical example
- Difference between Bias | Confounding | Interaction (and solutions)

## SCHEDULE

08.30 | Welcome | U. Mons  
10.00 | Coffee break  
10.30 | Risks and Associations | T. Möllers  
12.00 | Lunch break  
13.00 | Screening Tests for Dementia | L. Perna  
14.30 | Coffee break  
14.45 | Bias, Confounding, Interaction | T. Möllers  
16.30 | End

**DATE** | 27.06.2017  
**TOPIC** | Architecture of Dementia-sensitive Hospitals

**RESPONSIBLE** | Prof. Dr.-Ing. Gesine Marquardt | Julia Kirch  
Prof. Dr.-Ing. Uta Pottgiesser | Prof. Dipl.-Ing. L. Hofrichter

### LEARNING TARGETS

- Specify the challenges in the medical care situation of patients with dementia in the acute care hospital
- Outline common research methods used in the architectural discipline and discuss their chances and limitations
- Describe the basic design principles of a dementia-sensitive environment in acute-care setting
- Characterize main conceptual criteria of a specialized geriatric ward including relevant environmental aspects (site visit GISAD)

### SCHEDULE

09.00 | Welcome | J. Kirch  
09.15 | Research in Architecture | U. Pottgiesser  
10.15 | Coffee break  
10.30 | Dementia-sensitive Architecture in Acute-care Settings | G. Marquardt  
11.15 | Die Versorgungssituation von Menschen mit Demenz im Akutkrankenhaus - Untersuchung anhand von Routinedaten (in German) | T. Motzek  
12.00 | Lunch break  
13.00 | Healthcare Building Design (in German) | L. Hofrichter  
15.00 | Guided tour „GISAD“ | T. Zieschang  
15.30 | Final Discussion | J. M. Bauer

**DATE** | 28.06.2017  
**TOPIC** | Advance Care Planning (ACP) Detection of Delirium  
**RESPONSIBLE** | Henrike Voß | Claudia Eckstein

### **LEARNING TARGETS**

- Basics of Advance Care Planning
- Inside view of an ACP-interview
- Self-awareness by an ACP-value-sheet
- Knowledge about multifactorial development of delirium
- Insight into testing-aspects
- Apply of the latest testing-manual (4AT, 2014)

### **SCHEDULE**

08.00 | Welcome | K. Beyreuther | B. Teichmann  
08.30 | Presentation | H. Burkhardt  
10.00 | Coffee break  
10.30 | Workshop I: "Testing of Delirium" | C. Eckstein  
12.00 | Lunch break  
13.00 | Workshop II: "Values and Attitudes towards Death" | H. Voß  
14.30 | Coffee break  
14.45 | Presentation | A. Kruse  
16.30 | End

**DATE** | 29.06.2017  
**TOPIC** | Care of People with Dementia in Acute-care Hospitals  
**RESPONSIBLE** | Mara Gkioka | Julia Schneider

## LEARNING TARGETS

- Overview of current findings of aging in Germany
- Insight into approaches of dementia care in Acute-care Hospitals in different countries
- Get to know educational programs in Greece and Germany
- What can we learn from a specialised geriatric ward?
- Features of an outpatient geriatric rehabilitation

## SCHEDULE

08.00 | Welcome | M. Gkioka | J. Schneider  
08.30 | The 7th aging report of the German government – Results and Findings | A. Kruse  
10.00 | Coffee break  
10.30 | Impressions of the Robert-Bosch Study Tours to Great Britain and Norway | B. Teichmann  
11.00 | Current approaches of Dementia Care and Research in Greece | M. Gkioka  
11.30 | Overview of Dementia Training Programs in German hospitals – current status | J. Schneider  
12.00 | Lunch break  
12.50 | Half day trip to the Diakonissenkrankenhaus Karlsruhe  
**Departure time 13.04 (Bismarckplatz)**  
14.30 | Guided tour of the geriatric ward and the outpatient geriatric rehabilitation day clinic of the Diakonissenkrankenhaus Karlsruhe  
16.30 | End

**DATE** | 30.06.2017  
**TOPIC** | Dementia

**RESPONSIBLE** | Prof. Dr. Hans Förstl | Apl. Prof. Dr. Klaus Hauer

## **LEARNING TARGETS**

■ to be announced

## **SCHEDULE**

08.00 | Welcome

08.30 | Interaction with patients at the Bethanien Hospital

12.30 | Lunch break

13.30 | Dementia | H. Förstl

16.30 | End

**I PROF. DR. DR. H. C. KONRAD BEYREUTHER**

Konrad Beyreuther is Director of the Network Aging Research (NAR) of Heidelberg University (since 2007 – present), Senior Professor at Heidelberg University (since 2009) and Professor Emeritus of Molecular Biology at the Center for Molecular Biology Heidelberg University (ZMBH). Prof. Beyreuther's research interests include the molecular and clinical aspects of neurodegenerative diseases, with special emphasis on Alzheimer's disease and other dementia disorders. He has published over 400 papers on these subjects. Prof. Beyreuther is the recipient of the 1990 Potamkin Prize from the American Academy of Neurology, the 1991 MetLife Foundation Award for Medical Research in Alzheimer's Disease, the 1991 Prix de Fondation IPSEN pour la Recherche Thérapeutique la Maladie d'Alzheimer & les Démences Sénile, the 1995 Klaus-Joachim-Zuelch-Prize for Neurology, the 1997 King Faisal International Prize for Medicine, the 2002 Alzheimer's Association's Lifetime Achievements Award, and the 2006 Lenox K. Black International Prize for Excellence in Medicine . In 2004 his achievements were awarded the Distinguished Service Medal on Ribbon of the Order of Merit of the Federal Republic of Germany. He is a recipient of the Honours Doctoral Degree in Medicine from University of Kuopio, Finland and was elected as member of EMBO, the Heidelberg Academy for the Humanities and Sciences and the German Academy of Sciences Leopoldina. In 2007 he was appointed as Founding Director, Network Aging Research and in 2009, Senior Professor of Heidelberg University, Germany.



**| PROF. DR. MED. JÜRGEN M. BAUER**

In September 2016, Juergen M. Bauer took over the newly established chair for geriatric medicine at the Ruprecht Karls University of Heidelberg, Germany. In 2010 he had been appointed director of the newly formed Geriatrics Centre Oldenburg, Germany, which since 2012 forms part of the medical campus of the Carl von Ossietzky University Oldenburg. Between 2004 and 2010 he worked as assistant medical director at the Department of Geriatric Medicine at the University of Erlangen-Nuremberg, Germany. His research work and academic career was supported by a four-year scholarship of the Robert-Bosch-Foundation. Before moving into the field of geriatric medicine Juergen M. Bauer was trained in gastroenterology and as a specialist in clinical nutrition. In recent years, Juergen M. Bauer's research interest has focused on nutrition and its relationship with functionality in older persons. He has been a member of several international expert groups that worked on the definitions of sarcopenia and frailty in older persons. Between 2012 and 2015 he contributed to various consensus and research papers that focused on protein intake and amino acid supplementation in older adults. Juergen M. Bauer is a member of several national and international medical societies including the European Society for Clinical Nutrition and Metabolism (ESPEN). In 2010 he was honored to become a member of the ESPEN faculty. Since 2015 he has been working as a co-editor of Clinical Nutrition. From 2007 until 2015 he was a member of the executive board of the European Union Geriatric Medicine Society (EUGMS). Since 2015 Juergen M. Bauer has been a member of the committee of the scientific advisors of the International Osteoporosis Foundation (IOF) and in September 2016, Juergen M. Bauer was elected president of the German Geriatrics Society (DGG). Already in 2007 Juergen M. Bauer had been awarded the honorary prize of the German Geriatric Society.

### **I NACERA BELALA**

- 2009 - 2014 Study of Sports Science, Potsdam University and Hildesheim University  
2013 - 2014 Research assistant at the department of Sport and Exercise Psychology, Potsdam University  
since 2013 Certified personal trainer, Academy of Sports and Health, Berlin  
2014 - 2015 Research assistant at the department of Sports Science, Hildesheim University  
2015 - 2016 Sports referent, KSB Nienburg e.V. and LSB Niedersachsen e.V., Lower Saxony  
since 2016 Doctoral student at the Network Aging Research, Heidelberg University

### **I DR. RAINER BEURSKENS**

Background: PhD in Sports Science

Expertise: Intervention studies in the field of exercise in (frail) older adults, biomechanics of gait and posture in medical patients, systematic reviews, meta-analysis

### **I DR. HEINRICH BURKHARDT**

- since 2011 Director of the Geriatric Centre, Medical Department of Universitätsmedizin Mannheim  
2009 - 2011 Senior Consultant in the Medical Department of Universitätsmedizin Mannheim, primarily geriatrics, last provisional director  
since 2000 Member of the Center for Gerontopharmacology of Universitätsmedizin Mannheim  
2009 Qualification to lecture in Internal Medicine (Habilitation), „Pharmacotherapy by the elderly“, Medical Faculty of Mannheim, Heidelberg University  
1999 - 2009 Senior Physician of the Geriatric Centre, Medical Department of Universitätsmedizin Mannheim  
2004 Qualified in Clinical Geriatrics  
1998 - 1999 Assistant Physician in the Medical Department of Universitätsmedizin Mannheim, primarily Geriatrics  
1998 Specialist for Internal Medicine  
1995 - 1998 Professional activity in Internal Medicine, Rehabilitation Clinic Heidelberg - Königstuhl  
1993 Doctorate with the psychosomatic thesis „Bulimia nervosa and metabolism of cortisol“, Gießen, Justus-Liebig-Universität University  
1990 - 1995 Professional activity in Internal Medicine at the Protestant hospital of Gießen  
1989 Research Assistant at the Differential Psychology Institut, Justus-Liebig-Universität  
1981 - 1989 Study of Medicine, Gießen, Justus-Liebig-Universität University

**I CLAUDIA ECKSTEIN**

- since 2017 Member of the Graduate Program „People with Dementia in Acute-care Hospitals“, Network Aging Research, Heidelberg University
- 2015 - 2016 Research Assistant in the project OPEN, Baden-Wuerttemberg Cooperative State University Stuttgart (DHBW)
- 2014 - 2015 Student Assistant in the project ANKOM, Esslingen University of Applied Sciences
- 2014 - 2015 Master's Study Program „Nursing Science“, Esslingen University of Applied Sciences
- 2010 - 2014 Bachelor's Study Program „Nursing Education“, Esslingen University of Applied Sciences
- 1999 - 2015 Professional activity as a Nurse (Emergency Room, Intermediate Care) and Clinical Instructor at the School for Nursing Professions at the Ludwigsburg Clinic (Clinic for Orthopaedics and Trauma Surgery, Clinic for Neurosurgery and Clinic of Gastroenterology)
- 1996 - 1999 Training as a Nurse at the Ludwigsburg Clinic

**I PROF. DR. HANS FÖRSTL**

- 1976 - 1982 Studium der Humanmedizin, Ludwig-Maximilians-Universität München
- 1983 - 1987 Weiterbildung in Klinischer Neurologie, Städtischen Krankenhaus Bogenhausen
- 1987 - 1989 Weiterbildung in Psychiatrie und Psychotherapie, ZI Mannheim
- 1990 Arzt für Neurologie
- 1991 Arzt für Psychiatrie
- 1992 Habilitation in Psychiatrie und Psychotherapie, Universität Heidelberg
- 1993 - 1996 C3-Professur, ZI Mannheim
- 1996 - 1997 Lehrstuhl für Psychiatrie, Charles Gairdner University of Western Australia, Perth
- seit 1997 Direktor der Klinik und Poliklinik für Psychiatrie und Psychotherapie der Technischen Universität München

### I PROF. DR. LUTZ FRÖLICH

Lutz Frölich studied medicine at the Universities of Kiel, Heidelberg and Kentucky, and completed his doctoral studies in 1982. After his post-doctoral qualification, he became a Professor (apl.) of Psychiatry at the University Hospital of Frankfurt am Main. Since 2003 he is Head of the Department for Geriatric Psychiatry at the ZI Mannheim, and Professor of Geriatric Psychiatry at the Medical Faculty of Mannheim (University of Heidelberg). Since 2002, he has been a member of the board and Chief Organizing Officer at Kompetenznetz Demenzen e.V.; since 2007 he has been a founding member, and member of the executive board at the European Alzheimer's Disease Consortium EADC; since 2010, he has been a member of the steering committee for the dementia guidelines at DGPPN as well as at WFSBP. Also, since 2010, he has been part of the WHO's "Advisory Group for Diseases of the Nervous System and mental and Behavioural Disorders".

### I MARA GKIOKA

- since 2016 Member of the NAR „Graduate Program “People with Dementia in Acute-care Hospitals”, Heidelberg University
- since 2014 Researcher collaborator with Prof. Magda Tsolaki, Neuropsychiatrist of School of Medicine, Aristotle University Thessaloniki
- 2015 - 2016 Researcher at “Masitinib’s effect on the symptoms of Alzheimer’s disease. Evaluate efficacy and safety of masitinib combination with cholinesterase inhibitors and/or memantine to placebo in combination with cholinesterase inhibitors and/or memantine. A 24-week prospective, multicentre, randomized, double-blind, placebo-controlled, 3-parallel group”
- 2014 - 2016 Researcher at NILVAD, “A European multicentre double-blind placebo-controlled phase III trial of nilvadipine in mild to moderate Alzheimer’s disease”
- 2014 - 2015 Researcher at: “ARCHIMIDIS” project. “Dementia and Diabetes”
- 2014 - 2015 Researcher at: JPND research. “Biomarkers in Alzheimer and Parkinson disease” (BIOMARKAPD)
- 2012 - 2014 Psychologist Counselor in children with or without special needs
- 2008 - 2008 Psychologist Counselor in vulnerable groups, Department of Health, Prefecture of West Attica – Elefsina, Greece
- 2008 - 2011 Aristotle University – Thessaloniki, Greece Master’s Degree Program in Cognitive Psychology and Neuropsychology
- 2002 - 2007 Aristotle University – Thessaloniki, Greece Bachelor’s Degree in Psychology

**I PATRICK HELDMANN**

Background: M.Sc. in Physical Therapy

Expertise: Systematic reviews in acutely hospitalized patients, clinical trials in Health Related-Patient Reported Outcomes (HR-PRO), certified physical therapist.

**I APL. PROF. DR. KLAUS HAUER**

Background: PhD in Sports Science and Medicine

Expertise: Systematic reviews, meta-analysis, clinical studies in the field of exercise in frail older adults. DKV National Cochrane award winner 2006 for evidence-based medicine (systematic review).

**I PROF. DIPL.-ING. LINUS HOFRICHTER**

Linus Hofrichter ist Geschäftsführender Gesellschafter der sander.hofrichter architekten GmbH, Gesellschaft für Architektur und Generalplanung. Das Büro verwirklicht Projekte im Bereich der sozialen Infrastruktur mit den Schwerpunkten Gesundheit und Bildung. Allein in den letzten 10 Jahren sind 60 Krankenhäuser und Bauten des Gesundheitswesens und 40 Einrichtungen für Menschen mit Einschränkungen, Sozialpädiatrische Zentren, Wohn- und Tagesförderstätten, Werkstätten, Therapieeinrichtungen realisiert worden. Herr Hofrichter beschäftigt sich neben dem Entwurf und der Planung intensiv mit der Betriebsorganisation von Krankenhäusern und ist in diesem Bereich auch als Berater tätig. Er ist Professor an der Technischen Hochschule Mittelhessen (THM), Campus Gießen im Fachbereich Life Science Engineering (LSE) für Krankenhausplanung. Seit 2008 Mitglied im Expertenausschuss für DIN-Normung im Krankenhausbau (EDK), Berlin. Seit 2003 Mitglied des Vorstandes des Vereins „Architekten für Krankenhausbau und Gesundheitswesen AKG“ Berlin.

**I PROF. DR. DR. H.C. ANDREAS KRUSE**

Studies in Psychology, Philosophy (Universities of Aachen and Bonn) and Music (State Conservatory, Cologne). Doctoral degree in Psychology (Bonn University, summa cum laude et egregia). Habilitation treatise in Psychology (Heidelberg University).

- 1982 - 1986 Scientific Assistant at the Institute of Psychology (Universität Bonn)
- 1986 - 1991 Scientific Assistant at the Institute of Gerontology (Heidelberg University)
- 1991 - 1993 Visiting professor at Freie Universität Berlin, Heidelberg University, Hebrew University of Jerusalem, University of Copenhagen, and the University of Lund
- 1993 - 1997 Professor (chair) in Developmental Psychology and founding director of the Institute of Psychology (Greifswald University)
- since 1997 Professor (chair), director of the Institute of Gerontology (Heidelberg University)
- 2007 - 2011 Dean of the Faculty for Behavioural and Cultural Studies (Heidelberg University)

**I UTE MONS**

Ute Mons is an epidemiologist at the German Cancer Research Center (DKFZ), where she heads the Cancer Prevention Unit. She holds an M.A. in Sociology and Economics from the University of Heidelberg, and a doctorate in Epidemiology (Dr. sc. hum.) as well as the *venia legendi* in Epidemiology and Public Health from the Medical Faculty of the University of Heidelberg. Ute Mons has co-authored more than 75 publications, mostly in her main research areas tobacco control, cancer prevention and chronic disease epidemiology.

**I TOBIAS MÖLLERS**

Tobias Möllers holds a B.A. in Public Health and a M.Sc. in Epidemiology from the University of Bremen. During his master studies he worked at the Leibniz Institute for Prevention Research and Epidemiology (Department: Prevention & Evaluation, Research group: Applied Health Intervention Research). He is currently a doctoral student at the Network Aging Research in the Graduate Program “People with Dementia in Acute-care Hospitals”.

**I PROF. DR.-ING. GESINE MARQUARDT**

Gesine Marquardt is an Architect and Professor for Social and Health Care Buildings and Design at TU Dresden and head of the Emmy Noether Research Group „Architecture Under Demographic Change“. She investigates ways to design environments for people with specific needs, such as patients in hospitals or people with dementia receiving care. These environments need to be designed in a way that people with disabilities, older adults, and people from different backgrounds can orient themselves easily, interact with each other and at the same time feel comfortable. In 2001, Professor Marquardt cofounded the architectural office Cooperation\_4 Architects Dresden which engages in a wide range of design projects, focusing on creating healthy and accessible environments for all users. Also, she consults healthcare businesses, thereby applying her research results to our society. Professor Marquardt was honored with the Kurt Beyer Price and the Georg Helm Price from the TU Dresden in 2007, and with the Deutscher Studienpreis of the Körber foundation in 2008. She was a Postdoc the Johns Hopkins Medical Institutions in Baltimore (United States) and a visiting researcher at the University of Stirling (Great Britain). Gesine Marquardt received her PhD at the TU Dresden, after she studied architecture in Stuttgart and New York City.

**I TOM MOTZEK**

Tom Motzek, M.Sc studied Gerontology and Health Sciences. His main research topics are living for elderly, dementia-sensible architecture and health care for people with dementia in acute hospitals. From 2010 to 2011 he worked at the Institute of Social Medicine, Occupational Health and Public Health at the University of Leipzig. Since 2012, he is research assistant at the research group “Architecture Under Demographic Change”, TU Dresden. He is doctoral candidate at the Center for Evidence-Based Healthcare, University Hospital Carl Gustav Carus, TU Dresden.

**I LAURA PERNA**

MSc) works as an epidemiologist at the Division of Clinical Epidemiology and Aging Research of the German Cancer Research Center (DKFZ). She is a psychologist and holds a Master of Public Health (M.P.H. postgrad.) from the University of Munich (LMU). She is the author of numerous publications and her main areas of research include blood biomarkers of cognitive impairment and dementia.

**| PROF. DR.-ING. UTA POTTGIESSER**

Societal Awareness in Architecture and Interior Architecture | Architectural Product Development | Adaptive Re-use of Modern Heritage | Innovative Approaches in Building Construction

- since 2017 Professor of Interior Architecture, Faculty of Design Sciences, University of Antwerp
- 2012 - 2016 Dean, Detmold School of Architecture and Interior Architecture, HS OWL
- 2006 - 2011 Vice-President for Research, Development and Internationalisation, HS OWL
- since 2004 Professor of Building Construction and Materials, Detmold School of Architecture and Interior Architecture, HS OWL,
- 1998 - 2004 Research and Assistant Professor at the Faculty of Civil Engineering, TU Dresden and 2002 Ph.D. (Dr.-Ing.) on “Multilayered Glass Constructions. Energy and Construction”
- since 1991 Diploma in Architecture, TU Berlin, Architect and member of the Berlin Chamber of Architects.

**| ANTON SCHÖNSTEIN**

Anton Schönstein is a doctoral student in the Graduate Program “People with Dementia in Acute-care Hospitals” at the Network Aging Research of Heidelberg University, Germany. He received his Master’s Degree in Psychology in 2017 at the University of Innsbruck. During his studies he completed several internships in clinical, neuropsychological and forensic settings. He also worked as a research assistant in the field of learning and memory. His research interests include diagnostic testing for dementia, psychological diagnostics in general as well as clinical psychology.

**| JULIA SCHNEIDER**

- since 2016 Scholarship holder at the Postgraduate Program „People with Dementia in Acute-care Hospitals“, University of Heidelberg
- 2011 - 2016 Teaching student for Physical Education and Health and Gerontology/ Care, University of Heidelberg
- 2012 Student assistant at the Institute of Gerontology, University of Heidelberg
- 2010 - 2011 Volunteer social year at the Kliniken Schmieder, Heidelberg



**I EVA-LUISA SCHNABEL**

Eva-Luisa Schnabel is a doctoral student in the Graduate Program “People with Dementia in Acute-care Hospitals” at the Network Aging Research of Heidelberg University, Germany. She received her Master’s Degree in Psychology in 2014 at the University of Bamberg. After graduating from university, she was working as a research assistant at the Department of Psychological Aging Research at Heidelberg University in the project “Long-Term Care in Motion”. Her research interests include dementia, ageism, communication, and pain.

**I PROF. DR. MARTINA SCHÄUFELE**

Martina Schäufele is a Professor at the University of Mannheim. She has expertise in qualitative and quantitative social research, social work, research in long-term care settings as well as survey methodology and analysis. Furthermore, she contributed to the General Hospital Study (GHoSt) which aimed to investigate the prevalence of cognitive impairment among older general hospital patients with a primary somatic diagnosis.

**I DR. MICHAEL SCHWENK**

|             |                                                                                                                                       |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------|
| 2001 - 2007 | Study of Sports Science, Heidelberg University                                                                                        |
| 2011        | Doctorate in Exercise Science/ Gerontology, Heidelberg University                                                                     |
| 2011 - 2012 | Postdoc, Bethanien-Hospital, Geriatric Center at Heidelberg University, Germany                                                       |
| 2012 - 2014 | Postdoc, interdisciplinary Consortium on Advanced Motion Performance (iCAMP), College of Medicine, University of Arizona, Tucson, USA |
| since 2012  | Appointment, Arizona Center on Aging, University of Arizona, AZ, USA                                                                  |
| since 2014  | Research Associate at the Department of Clinical Gerontology, Robert-Bosch Hospital Stuttgart, Germany                                |
| since 2016  | Junior Research Group Leader at the Network Aging Research, Heidelberg University, Germany                                            |

**I DR. BIRGIT TEICHMANN**

studied biology and completed her doctoral thesis at the German Cancer Research Center, Heidelberg. Since 2007, when the Network Aging Research was established, she has been working as scientific manager at the Network Aging Research B. Teichmann is one of the scientific directors of the Graduate Program „People with dementia in Acute-care Hospitals“.

**I PROF. DR. MAGDA TSOLAKI**

She was born in Thessaloniki, Greece. She is Professor of Neurology since 2010, Neuropsychiatrist since 1983, and she has worked at Aristotle University of Thessaloniki since 1982. Magda Tsolaki has been the main author of 37 Books, 372 abstracts in Greek Conferences, 296 abstracts in English International or European Conferences, she is the first author or co-author in 178 Papers in Greek and in 298 International Journals with h-index=41, and more than 7805 citations (Scopus). She founded Greek Alzheimer Association in 1995, Greek Federation of Alzheimer's Disease and she is scientific director of two Units for outpatients with all stages of dementia.

**I HENRIKE VOSS**

Henrike Voß is a doctoral student in the Graduate Program “People with Dementia in the Acute-care Hospitals” at the Network Aging Research. She holds a Master's Degree in Sport and Movement Gerontology from the German Sport University Cologne (2015) and B.A. in Nursing Education and Theatre Pedagogy from the Catholic University of Applied Sciences Freiburg (2011). Prior to her enrollment at Freiburg Henrike worked as a nurse in Germany and Switzerland. She further completed palliative care program at the Maltzer Hospital Bonn-Hardtberg. Her main area of research is Advance Care Planning.

**I PROF. DR HANS-WERNER WAHL**

Hans-Werner Wahl is Senior Professor of the Department of Psychological Aging Research at the Institute of Psychology and co-director of the Network Aging Research of Heidelberg University, Germany. He received his Ph.D. in psychology from the Free University of Berlin in 1989. His research activities include the understanding of the role of physical-technological environments for aging well, adaptational processes in the context of age-related chronic functional loss, processes of awareness of aging in a lifespan perspective, and intervention research.

### **| CHRISTIAN WERNER**

Christian Werner is currently a research associate and PhD candidate at the Research Department of the Agaplesion Bethanien-Hospital/Geriatric Center at the University of Heidelberg. He obtained his Master of Arts in Sport Science in 2012 from the Karlsruhe Institute of Technology (KIT), Germany. His research interest is focused on methodological research, development and validation of motor-cognitive assessment methods, development and evaluation of motor-cognitive exercise interventions, and physical activity in geriatric patients with mild to moderate dementia.

### **| DR. TANIA ZIESCHANG**

Forschungsschwerpunkte: Körperliches Training und Sturzerfassung bei Menschen mit Demenz | Behandlung akuterkrankter Menschen mit Demenz im Krankenhaus | Delir bei älteren Krankenhauspatienten. Studium der Humanmedizin in Bochum. Facharztausbildung für Innere Medizin am Bethanien Krankenhaus und an der Medizinischen Klinik der Universität Heidelberg. Zusatzbezeichnung in Klinischer Geriatrie und Palliativmedizin am AGAPLESION Bethanien Krankenhaus Heidelberg. Von 2006 bis 2009 Stipendiatin des Forschungskollegs Geriatrie der Robert Bosch Stiftung.

### **| STELIOS ZYGOURIS**

Stelios Zygouris was born in Thessaloniki on 19 November 1982. He studied psychology at the Aristotle University of Thessaloniki (AUTH) before pursuing an MSc in psychoanalysis at University College London (UCL). His clinical experience includes neuropsychological assessment, activity groups for psychiatric in-patients and supportive psychotherapy. Currently he is mostly focused in research, specializing in the use of serious games for the detection of pre-clinical cognitive decline. He is a PhD candidate in a joint program of the AUTH and the Network Aging Research (NAR) of the University of Heidelberg. He receives a scholarship for his PhD studies from the Robert Bosch Stiftung. He is also an Atlantic Fellow for equity and brain health at the Global Brain Health Institute (GBHI). He collaborates with the Greek Association of Alzheimer's Disease and Relative Disorders (GAADR), the Information Technologies Institute/Center for Research and Technology Hellas (CERTH/ ITI) and Cannot Not Design + (CND+) design research organization.

His broader research interests include: design and psychology, computerized neuropsychological assessment, pre-clinical cognitive screening, virtual reality applications and games, and low cost activity monitoring systems for older adults.

# CREDITS

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Netzwerk AlternsfoRschung | Bergheimer Straße 20 | 69115 Heidelberg | Tel. +49 6221 54 8101  
Fax +49 6221 54 8100 | [kontakt@nar.uni-heidelberg.de](mailto:kontakt@nar.uni-heidelberg.de) | [www.nar.uni-heidelberg.de](http://www.nar.uni-heidelberg.de)

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