

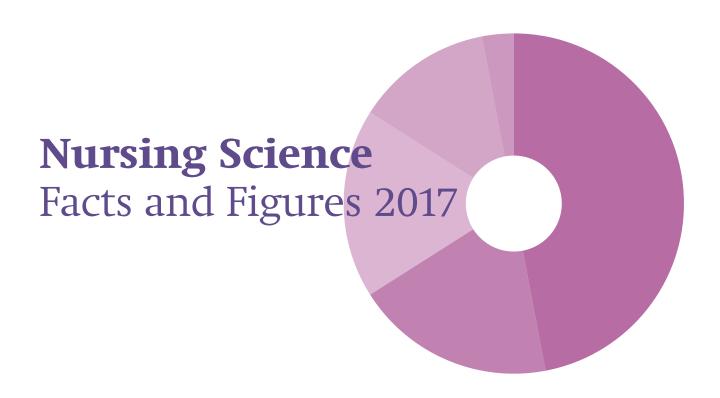


Nursing ScienceFacts and Figures 2017

In collaboration with







Pflegewissenschaft · Nursing Science (INS)

Department of Public Health · Faculty of Medicine · University of Basel

In collaboration with

Nursing Practice Development Unit \cdot University Hospital Basel Nursing Research Unit \cdot Inselspital Bern University Hospital

Dear reader,

This annual report provides you with information about the most important activities and results of the University of Basel's Institute of Nursing Science (INS) in 2017. As in previous years, we have used academically relevant indicators for this annual review of the Institute's performance. These include master's degrees, doctorates, publications, international presentations, research projects, external funding and distinctions. Various facts and figures also highlight everyday aspects of the work conducted at the INS, and provide information on our enrolment, our curriculum structure, our subject areas and student expertise, the background and specializations of our doctoral students, our collaboration on international development projects and our personnel structure.

However, it is not just academic output that is important to us – we are also fully committed to improving the quality of nursing and patient care outcomes in healthcare. In line with our mission statement, relevance, efficacy and sustainability are key elements both in research and in practice. In research, for example, this was demonstrated over the reporting year by a stronger focus on implementation science, a method that contributes significantly to the implementation and value chains of research findings. More information is available on the objectives and results of INS research projects on our new and improved website.

We would like to take this opportunity to thank everyone who supported our work during the past year and contributed to the achievement of the results listed here. In particular, we are grateful to our structural partners, University Hospital Basel (UHB) and Bern University Hospital (Inselspital), and our Academic Practice Partners, University Psychiatric Clinics Basel (UPK) and Curaviva Basel-Stadt and Baselland.

We hope you enjoy reading this annual report.

The INS Team

Contents

2017 at a glance • Page 5

Master's in Nursing Science • Page 6

PhD studies • Page 8

PhD infrastructure • Page 9

Publications & presentations • Page 10

Research & research projects • Page 12

Academic Practice Partnerships • Page 13

Continuing education programs • Page 14

External funded international collaboration • Page 15

International visits • Page 15

Finances • Page 16

Distinctions • Page 17

Bernoullistrasse 28 in numbers • Page 18

2017 at a glance

JANUARY • The 'DAS ANP-plus' continuing education program gets underway with the maximum number of participants.

- FEBRUARY | Doctoral students Lynn Leppla and Agnes Kocher are awarded funding under the University of Basel's 'get on track' program for the spring semester 2017.
 - The INTERCARE project, supported by the Swiss National Science Foundation (SNSF) and the Nursing Science Foundation Switzerland, is launched with the aim of developing a nursing care model for nursing homes.
 - The PELICAN study's results are presented during the closing conference at University Children's Hospital Zurich.

- MARCH The 'Advanced research methods using large, routine data for health services research' course is offered for the first time as a part of the master's degree program.
 - The INS hosts its sixth 10-day leadership course for lower and middle level management in the areas of nursing and care, therapy and home economics.
 - We celebrate the 20th anniversary of the Swiss Association for Nursing Science (ANS), which was instrumental in establishing the INS.
- APRIL • The results of the Match^{RN} study are presented in Barcelona and New Orleans.
- Patrizia Zala (INS alumna and DAS ANP-plus student) and her team win first prize (B. Braun Nursing Prize) at MAY • careArt Basel for their paper, 'Handling chronic renal disease - experiences of patients and their relatives with a specialist nurse-led counseling service'.

- AUGUST The 2017 SPINE summer school's Designing a Mixed Methods Project: An Interactive-Participatory Workshop is successfully run.
 - Professor Michael Simon is made a Fellow of the European Academy of Nursing Science (EANS).
 - A total of 32 new students start their master's studies.

SEPTEMBER

- The external Sounding Board meets for the first time in its new composition.
- The International Exploratory Workshop for Cancer Cascade Genetic Screening in Switzerland is held with 32 participants.

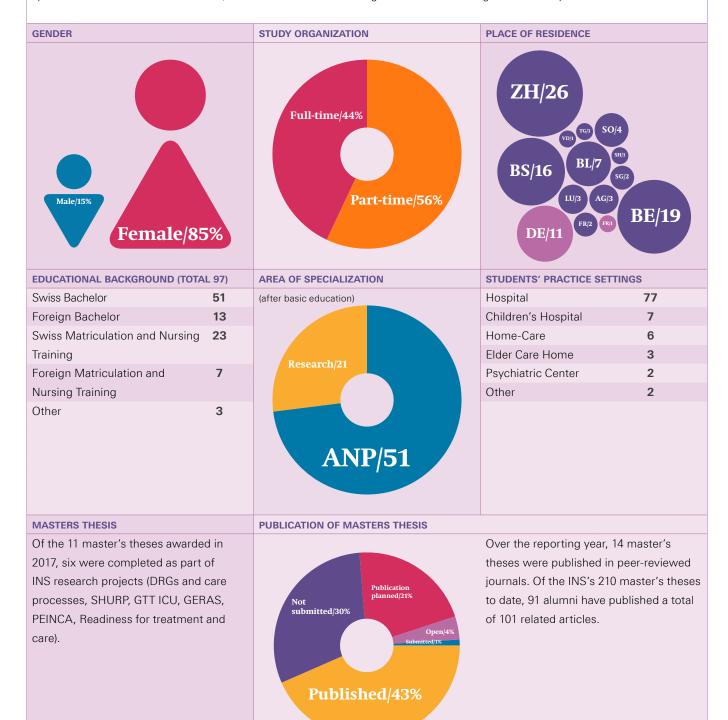
- OCTOBER For the first time, INS students complete an elective subject as part of an international collaboration project (the Swiss Tropical and Public Health Institute (Swisss TPH) Medical Education Reform Project).
 - The results of the BRIGHT study are presented at the Brazilian Transplant Meeting in Foz do Iguaçu.
 - Dr. Oliver Mauthner becomes the new Director of Nursing at Felix Platter-Spital in Basel on October 1, 2017. He still delivers clinical teaching at the INS as a nurse practitioner.
 - Professor Sabina De Geest, co-PI of the Swiss Transplant Cohort Study project, receives funding of CHF 4,375,000 from the SNSF.

NOVEMBER Doctoral student Sarah Musy completes the 'antelope@university 2017' careers program at the University of Basel.

- DECEMBER 🖕 The 15th INS graduation ceremony is held on December 8, during which its 210th master's degree is awarded.
 - Our new website nursing.unibas.ch goes live.
 - 🌢 Sonja Beckmann is awarded her doctorate magna cum laude for her thesis, 'BALANCE: Promoting energy balance related behavior after liver transplantation'.

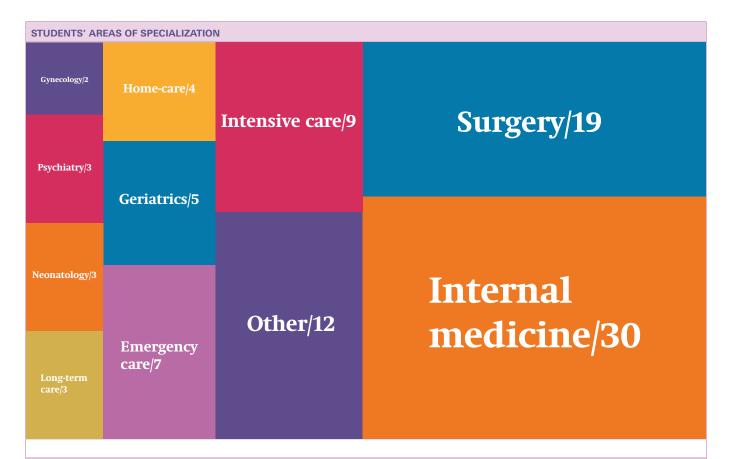
Master's in Nursing Science

Over the 2017 reporting year, 97 students are enrolled in the INS's Master's in Nursing Science program. At the graduation ceremony on December 8, 2017, 11 people receive master's degrees. For the first time, this includes a student with a specialization in research. In addition, the INS's 210th master's degree is awarded during the ceremony.



AWARD OF THE NURSING SCIENCE FOUNDATION SWITZERLAND

In recognition of his work, 'Development and validation of a multivariable tool to predict a prolonged ICU stay: a retrospective exploratory cohort study', **Conrad Welsh** receives the Nursing Science Foundation Switzerland's award for the best nursing science master's thesis at the University of Basel.



NEWS FROM THE WORLD OF TEACHING

Teaching methods: The 2017 reporting year sees the addition of an **international teaching internship** to the existing **mix of teaching/learning methods and tools**, which include classroom lessons, self-study, transfer tasks, group work, individual practical projects, action learning, coaching, electronic platforms, clinical internships and research internships. As part of the Swiss TPH Medical Education Project, which involves INS nursing staff, two students receive the opportunity to prepare and codeliver a one-week 'train the trainer' workshop for staff at a nursing school in Kulob, Tajikistan.

New course: On the master's module Research Specialization, the **course 'Using large, routine data for health services research'** is offered for the first time. This introduces students to advanced research methods, including the evaluation of care structures. The general aim is to enhance students' understanding of planning and analysis of large pools of routine data in the context of health services research.

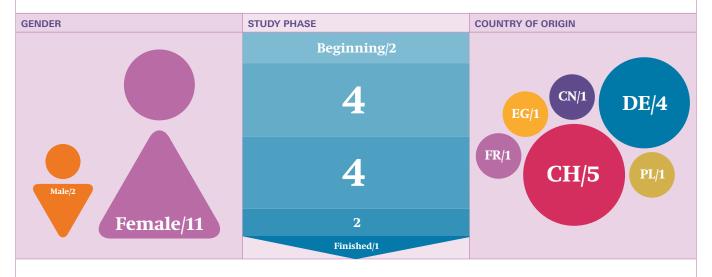
New evaluation software: The INS has a long history of assessing the quality of its courses via student evaluations. These assessments, performed each semester, are supported unanimously by the teaching staff: all INS instructors welcome this opportunity to assess and improve the quality of their work on an ongoing basis.

The evaluation software **EvaSys** is implemented during this reporting year. As an optimized quality management tool, it is used to encourage and coordinate individual and collective commitment to quality. The aggregated results of the student evaluation for three of the 16-30 questions per course are as follows:

The course encourages students to think	The interactions improved learning and	The lecturer is technically competent:
critically about topics:	comprehension:	
5.2	5.1	5.7

PhD studies

Over this reporting year, 13 students are enrolled on the Nursing Science doctoral program (Dr. sc. med.). The new doctoral students contribute to the following research topics: Development and evaluation of a nursing-guided inter-professional care model in Swiss nursing homes (INTERCARE); evaluation of a behavioral risk-relevant intervention in HIV/HCV-positive Swiss men who have intercourse with men (Going HCVree); and links between contextual factors and indicators of healthcare quality in Swiss nursing homes (SHURP 2018).



DOCTORAL THESIS PUBLICATIONS	
Peer-reviewed journal articles	10
Non-peer-reviewed journal articles	1
Book chapters	1
Conference papers	1
News Items, print	2
In press	3



PhD Infrastructure

A doctorate requires students to develop a broad range of skills and competences. After all, they will have a major influence on patients and their families, caregivers and other health professionals, as well as on the healthcare system in general. The INS teaching and research infrastructure offers doctoral students comprehensive support in developing all necessary skills.

SWISS PHD PLATFORM IN NURSING SCIENCE EDUCATION (SPINE)



Swiss PhD Platform In Nursing Science Education **SPINE** is an educational platform for nursing science training for doctoral students at the Universities of Basel and Lausanne.

» www.nursing.unibas.ch/spine

Activities 2017

Workshops & events:

- Summer school: Designing a Mixed Methods Project: An Interactive-Participatory Workshop: 39
- 3rd Doctoral Student Research Day: 26
- 2nd Supervisor's Day
- Workshop 'Get your own video: science goes multimedia an easy access': 13
- EANS participation support: 4
- Course 'Implementation and dissemination of evidence-based health interventions'

At the **SPINE Doctoral Day** in Lausanne, two INS doctoral students are awarded prizes: **Lynn Leppla** receives the prize for best poster presentation on the topic of 'Openness for an eHealth-supported model of care in the continuum of allogeneic stem cell transplantation: an explanatory sequential mixed methods study'; and **Thekla Brunkert** wins the prize for best presentation for 'Identification of barriers and facilitators of pain management in Swiss nursing homes: an explanatory mixed methods study'.

PHD PROGRAM HEALTH SCIENCES (PPHS)



Dr. Franziska Keller Verbunt

Program Coordinator

PPHS is an interdisciplinary PhD program open to all doctoral students in the fields of medication development, epidemiology, clinical research, nursing science and sports science at the University of Basel's Faculty of Medicine. Swiss University Conference (SUK) funding for PPHS was extended by a further year.

» www.pphs.unibas.ch

Activities 2017

Workshops & events:

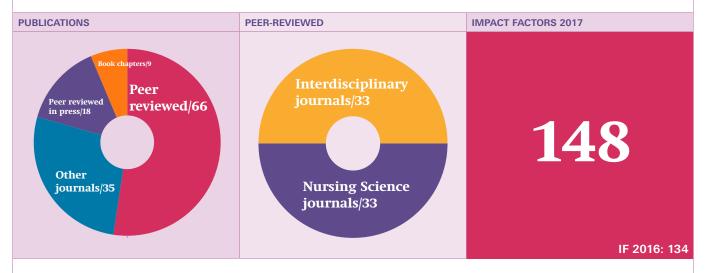
- PPHS PhD Day: 37
- How to apply for an academic position
- Scientific writing in the health sciences
- The publisher's perspective on the publishing process
- What comprises successful supervision?
- Welcome event
- · Essential in Health Research Methodology
- Writing a PhD thesis proposal in Health Sciences

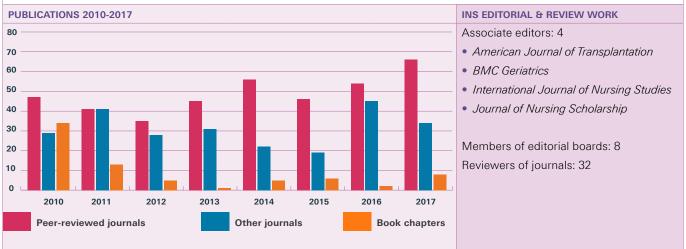
Financial support for doctoral students/Doctoral students in Nursing

External course attendance: 27/4 • Research grants: 4/0

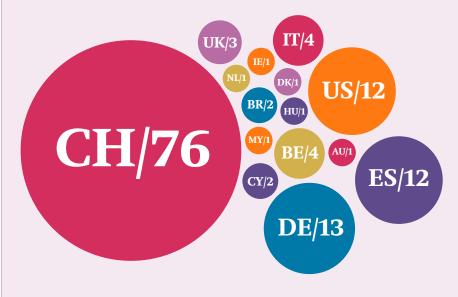
Publications & presentations

This reporting year, produced 110 publications, of which 66 are peer-reviewed. Of these, 55 (83%) are published in English.





134 PRESENTATIONS IN 15 COUNTRIES AND 46 CITIES



Aarau, Amsterdam, Antwerp,
Arizona, Barcelona, Basel,
Bellinzona, Berlin, Bern, BötzbergRein, Bozen, Brisbane, Budapest,
Copenhagen, Dresden, Dublin,
Durham NC, Freiburg i. B., Geneva,
Gstaad, Harrogate, Foz do Iguaçu,
Constance, Kuala Lumpur, La
Coruna, Leuven, Limassol, London,
Lugano, Lucerne, Milan, Minas
Gerais, Montreux, Mühldorf a. Inn,
New Orleans, Richmond, San Diego,
Schwyz, Solothurn, St. Gallen,
St. Louis, Stuttgart, Thun, Turin,
Winterthur, Zurich

Selected peer-reviewed research portfolio articles

INNOVATIVE CARE MODELS

Cajita, M.I., Berben, L., Denhaerynck, K., Helmy, R., Schönfeld, S., Berger, G., Vetter, C., Dobbels, F., Russell, C.L., & De Geest, S. on behalf of the BRIGHT Study Team (2017). Do heart transplant centers have a multidisciplinary team as indicated by ISHLT guidelines? – Findings from the International BRIGHT Study. *Journal of heart and lung transplantation*, 36(4):357-358. IF: 6.058

Dobbels, F., De Bleser, L., **Berben, L.**, Kristanto, P., Dupont, L., Nevens, F., Vanhaecke, J., Verleden, G., & **De Geest S.** (2017). Efficacy of a medication adherence enhancing intervention in transplantation: The MAESTRO-Tx trial. *Journal of heart and lung transplantation*, 36(5):499-508. **IF**: 6.058

PATIENT SAFETY & QUALITY OF CARE

Blumenfeld Arens, O., Fierz, K., & **Zúñiga, F.** (2017). Elder abuse in nursing homes: Do special care units make a difference? A secondary data analysis of the Swiss Nursing Homes Human Resources Project. *Gerontology*, 63(2):169-179. IF: 3.824

Bachnick, S., Ausserhofer, D., Januel, J. M., Schubert, M., Schwendimann, R., De Geest, S., & Simon, M. (2017). Matching Registered Nurse services with changing care demands (Match^{RN}): study protocol of a natural experiment multi-center study. *Journal of Advanced Nursing*, 73(7), 1735-1746. IF: 2.612

GENOMICS IN NURSING

Katapodi, MC., Duquette, D., Yang, JJ., Mendelsohn-Victor, KE., Anderson, B., Nikolaidis, C., Mancewicz, E., Northouse, LL., Duffy, S., Ronis, D., Milliron, KJ., Probst-Hensch, N., Merajver, SD., Janz, NK., Copeland, G., & Roberts, SJ. (2017). Recruiting families at risk for hereditary breast and ovarian cancer from a state-wide cancer registry: A methodological study. *Cancer Causes and Control*, 23(3):191-201. IF: 2.746

INS staff have published in the following peer-reviewed journals

The top 10 nursing science and interdisciplinary journals are color-coded and marked with the number of publications in 2017.

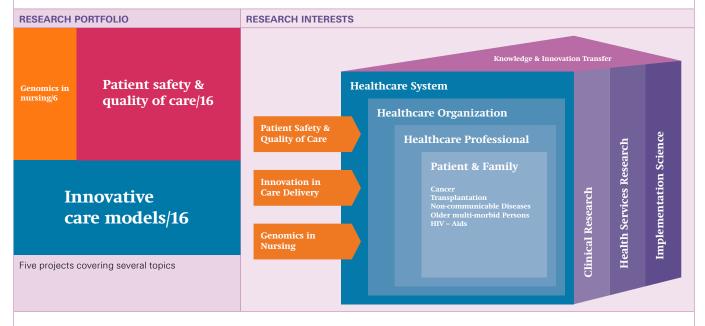
Age and Aging/1 • Aids Care • American Journal of Emergency Medicine • American Journal of Transplantation/1 • Applied Nursing Research • BMC Med Ethics/1 • BMC Nursing • BMC Pediatrics • BMJ Open • BMJ Quality & Safety/2 • Bone Marrow Transplantation • Cancer Causes and Control - Clinical Interventions in Aging • Clinical transplantation • European Journal of Oncology Nursing • Geriatric Nursing • Gerontology/1 • Health Psychology and Behavioral Medicine • Heart and Lung: The Journal of Acute and Critical Care • Infection • International Journal of Chronic Diseases • International Journal of Environmental Research and Public Health • International Journal of Nursing Studies/2 • International Psychogeriatrics • Journal for Specialists in Pediatric Nursing • Journal of Advanced Nursing • Journal of Applied Gerontology • Journal of Clinical Nursing • Journal of Medical Internet Research/1 • Journal of Midwifery & Women's Health • Journal of Nursing Management • Journal of Nursing Scholarship/1 • Klinische Pflegeforschung • Nephrology Nursing Journal • Nursing Open • Palliative Care • Pflege • Pflegewissenschaft • PLoS One • Progress in Transplantation • Scandinavian journal of caring sciences • Supportive Care Cancer • Swiss Medical Weekly • Transplantation • Transplantation Reviews

Research & research projects

With the merger of the New Care Models and Patient Self-Management programs, the INS is now focusing on the three main research areas: Innovative Care Models, Patient Safety and Quality of Care, and Genomics in Nursing. Research activities at the INS continue to use a range of research methods. The INSPIRE, INTERCARE, and SMILE research projects increase our focus on Implementation Science, a method that contributes considerably to the value chain of research findings. Other new projects include MANOSS, the SHURP 2018 follow-up study, SPhAERA and SPOT.

Our 2017 research portfolio includes 33 projects, of which five are completed successfully during the reporting year.

Read more about our projects on nursing.unibas.ch





Academic Practice Partnerships

ACADEMIC PRACTICE PARTNERSHIP WITH BERN UNIVERSITY HOSPITAL (INSELSPITAL)



Joint APP research projects	13
Joint practice development projects	0
Joint publications (peer-reviewed)	19
Master's students at Inselspital	16
Doctoral students at Inselspital	2
Master's degrees – students/employees of Inselspital	2
Master's degrees – students/employees of Inselspital	4
Leadership projects (Clinical Leadership course) Inselspital	5*

PROF. MICHAEL SIMON

Tenure Track Assistant Professor,

University of Basel

Head of Department University Research

Nursing/Midwifery, Bern University Hospital

michael.simon@insel.ch

*INSELSPITAL PROJECT TOPICS

- Pain assessment of people suffering from advanced dementia in acute hospitals
- Standardization/systematization of clinical assessment
- Adaptation of factsheet for patients
- · Medication anamnesis for cardiology/angiology patients
- Standardized assessment and inspection of oral mucosa in oncology patients

GUEST LECTURERS INSELSPITAL

Courses: Clinical Leadership/Genetics

Bührer Rosemarie, MSc; Herrmann Luzia, MHA; Küng Kaspar, MSc; Wüthrich Erika,

MSc; zu Dohna Konstanze, MSc

ACADEMIC-PRACTICE PARTNERSHIP WITH UNIVERSITY HOSPITAL BASEL (UHB)



DR. JACQUELINE MARTIN

Head of Department of Nursing &

Allied Health Professions

jacqueline.martin@usb.ch

7
1
24
21
1
3
4
5*

*UHB PROJECT TOPICS

- Course on decubitus prophylaxis
- Fall screening in a long-stay institution
- Micro-course for patients with a PICC line
- · Screening tools for identification of high-risk patients
- Course on eye therapy for outpatients/inpatients

GUEST LECTURERS UHB

Courses: ANP/ANP Role Development/Clinical Assessment / Clinical Leadership/Genetics/Qualitative Methodology III

Continuing education: PUMA (care & medication in old age) / DAS ANP-plus
Bläuer Cornelia, PhD, RN; Degen Sabine, MSc; Frei Irena Anna, PhD, RN; Jaiteh
Christine, MSc; Hasemann Wolfgang, PhD, RN; Kirsch Monika, PhD, RN; Martin
Jacqueline, PhD, RN; Pretto Manuela, MSc; Schönau Eveline, MSc; Ulrich Anja, MSc;
Weibel Lukas, MSc; Wehrli Michael, MSc

Continuing education programs

This reporting year, the INS's continuing education program offerings range from open events for a broad specialist audience to formalized continuing education courses with integrated acquisition of credit points (ECTS) and university degrees.

Two of the continuing education programs are provided in collaboration with our Academic Practice Partners, Curaviva Baselland and Basel-Stadt (Leadership in Nursing Homes) and the University Psychiatric Clinics Basel (UPK) Basel (the DAS ANP-PLUS series of lectures).

DEGREE PROGRAM DAS ANP-PLUS

In January 2017, the DAS ANP-plus degree program starts for the third time. In accordance with international nurse practitioner standards, each student completes three supervised clinical internships (totaling 600 hours per person). Students can now complete two of their three clinical internships tailored to their individual interests and/or in their own clinical subject area. In addition, course participants must now write a case study and an in-depth care plan for a patient with multimorbidity and a complex situation. Among this reporting year's new additions, participants particularly appreciate discussion rounds on the role of APNs (presented by experienced APNs) and work in interprofessional teams.

Students' areas of specialization: Internal medicine • Delirium management • Emergency care • Professional development in nursing • Oncology • Wound advice • Nephrology/kidney transplantation outpatient clinic

LEADERSHIP IN NURSING HOMES

Within the context of the Academic Practice Partnership between the INS and Curaviva Baselland and Basel-Stadt, 14 nursing homes (BL: 11, BS: 3) take part in the 'Leadership in nursing homes' course this reporting year.

PUMA (CARE & MEDICATION IN OLD AGE) SERIES OF COURSES

As part of PUMA, a interdisciplinary series of continuing education courses, experts from various fields of nursing and medicine present topics relating to geriatric care to an average of 18 participants per event over 12 events.

CONFERENCES & EVENTS

How children are dying in Switzerland - results of the PELICAN study

The PELICAN conference is held at University Children's Hospital Zurich on February 2, 2017. Its aim is to present the results of the PELICAN study and to discuss recommendations for adequate services in the area of pediatric palliative care. PELICAN is a research project conceived, developed and conducted by Karin Zimmermann, PhD, RN, from 2012 to 2017 in collaboration with Dr. Eva Cignacco.

Symposium for Healthcare Professions 2017: 'BIG DATA in healthcare - where is the journey leading?'

On March 3, 2017, Bern University Hospital holds a symposium dedicated to the subject of 'big data'. It presents the different ways in which very large datasets can be used. Speakers include Prof. Michael Simon and doctoral student Sarah Musy.

The 7th careArt Basel symposium: 'Patient safety - between aspiration and reality'

The main topic of the symposium, June 8-9, 2017 at University Hospital Basel, is on ensuring patient safety as a key task of all national and international healthcare institutions.

External funded international collaboration

Activities: Assessment of curricula, clinical placements, and training and development needs of nurses and training staff; seminars for nurses, training staff and clinical supervisors; mentoring of nurses in practice; at-home care mentoring for patients and interdisciplinary role development; development of course materials; development of training videos.

MEP III: Medical Education Project, Phase 3	UHAS Ghana
36 days of on-site project support	8 days of on-site project support
Country: Tajikistan	Country: Ghana
Location: Dushanbe, Kulob	Location: Ho
Organization & project management: Swiss TPH	Organization & project management: University of Basel
	(INS)

ProSes: Project Strengthening Nursing in Bosnia & Herzegovina	Ready4therapy
30 days of on-site project support	2 days of on-site project support
Country: Bosnia and Herzegovina	Country: Austria
Location: Mostar, Banja Luka, Bijeljina, Brcko district	Location: Vienna
Organization & project management: Fondacija fami (BiH),	Organization & project management: University Hospital
Hôpitaux universitaires de Genève (HUG)	Basel, University Hospital Zurich, University of Zurich,
	St. Gallen Cantonal Hospital, University of Basel (INS)

HAP: Health for All project

10 days of on-site project support

Country: Albania

Location: Tirana, Fier region, Diber region
Organization & project management: Swiss TPH

International visits

Dr. Nienke Bleijenberg (January), University of Utrecht (UMC), The Netherlands

Julie Boucquemont (February), McGill University, Canada

Prof. Eric Sijbrands (April), Erasmus University, The Netherlands

Heather L. Hampel (April), The Ohio State University, US

Prof. Victoria Champion (April), Indiana University, US

Prof. Laurel Northouse (April), University of Michigan, US

Dr. Bernhard Holle (May), DZNE Witten, Germany

Prof. Sandra Engberg (May and November), University of Pittsburgh, US

Dr. Hayden B. Bosworth (May to August), DUKE University, US

Dr. Leah L. Zullig (May to August), DUKE University, US

Dr. Rogério Meireles Pinto (August), University of Michigan, US

Dr. Jane Forman (August), University of Michigan, US

Dr. Ulrike Muench (August), Vanderbilt University, US

Dr. Tilman Hassenstein & Judith König (September), Germany

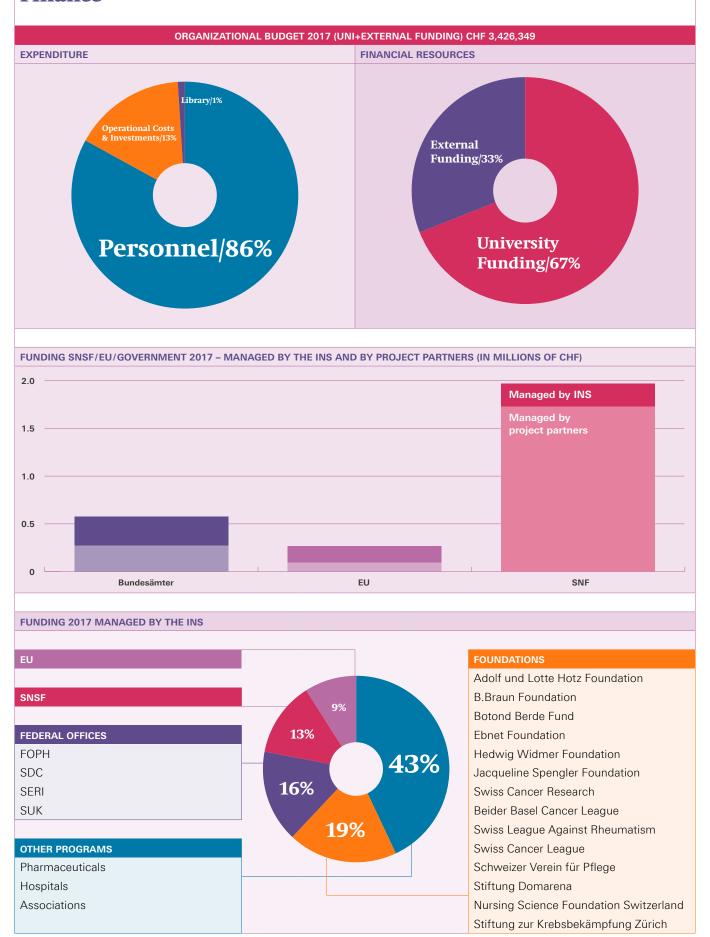
Dr. Mira Palonen (October), University of Tampere, Finland

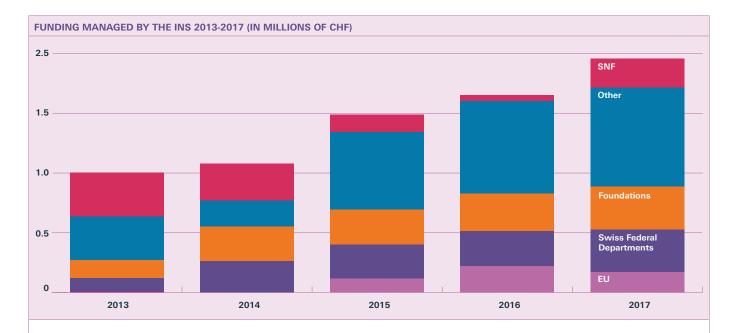
Dr. Susan Kean (November), University of Edinburgh, UK

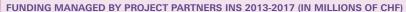
Prof. Dr. Todd Ruppar (December), Rush University, US

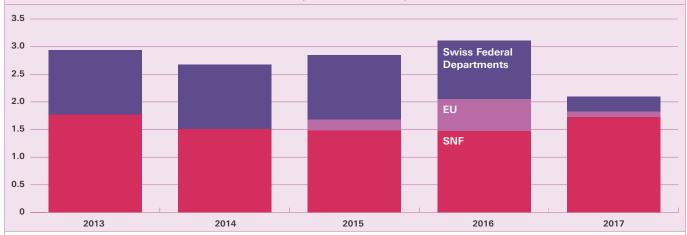
Prof. Dr. Donna Hathaway (December), University of Tennessee, US

Finance









Distinctions

Doctoral students **Agnes Kocher** and **Lynn Leppla** are awarded funding under the University of Basel's 'get on track' program for the spring semester 2017. 'Get on track' funding is aimed at University of Basel doctoral students who are parents.

On February 10, 2017, post-doc **Dr. Mieke Deschodt**, together with Daniel Mendelson, Herbert Habets and Bastiaan Van Grootven, receives the NVKVV Award for best presentation for 'Geriatric co-management for hospitalized patients' at the CARE4 International Scientific Nursing and Midwifery Congress in Antwerp, Belgium.

Master's graduate **Patrizia Zala** is awarded the 'Phenomenon' innovation prize at the International APN & ANP Congress, Freiburg i. B., Germany, and the B. Braun Nursing Prize for her master's thesis 'Handling chronic kidney disease – experiences of patients and their relatives with a specialist nurse-led counseling service'.

Professor Michael Simon is made a Fellow of the European Academy of Nursing Science (EANS).

Bernoullistrasse 28 in numbers

65 STAFF MEMBERS SHARE 32.96 FULL-TIME EQUIVALENT POSITIONS

Professors & guest professors/6 FTE 4.5

Administration & IT/9 FTE 4.4

Student Assistants/6

PhD Assistants/14 FTE 9.5

PostDocs & Lecturers/22

Project staff/8

FTE 1.6

STAFF BY GENDER* STAFF BY ORIGIN **F/6** GR/2 **F/8** F/5 **BE/5** M/2 CH/31 F/12 **M/8 DE/12** M/4F/4

COLLABORATORS 2017*

Adriana Alge, Agnes Kocher, Alexandra Salvisberg, Barbara Meyer-Zehnder, Brenda Marcus, Catherine Blatter, Chang Ming, Christine Vögtli, Christos Nikolaidis, Cornelia Kern, Dietmar Ausserhofer, Dietmar Jürgen Wetzel, Dunja Nicca, Elisabeth Spichiger, Eva Cignacco, Franziska Rabenschlag, Franziska Zuniga, Greet Van Malderen, Hansruedi Stoll, Heidi Albisser Schleger, Heike Heinemann, Helena Roth, Jörg Haslbeck, Katharina Fierz, Kornelia Basinska, Kris Denhaerynck, Lauriane Favez, Lili Saar, Lyn Leppla, Maria Katapodi, Maria Schubert, Max Giger, Mette Langeland Iversen, Michael Huber, Michael Simon, Mieke Deschodt, Miriam Engelhardt, Monika Simon, Morag Henry, Narayan Sharma, Natalie Zimmermann, Nicole Brüll, Oliver Mauthner, Patrizia Künzler-Heule, Petra Rusch, Rachel Bunger, Raphaelle Ashley Guerbaai, Rebecca Spirig, Regula Ricka, Remon Helmy, Rene Schwendimann, Sabina De Geest, Sabine Valenta, Sandra Engberg, Sarah Musy, Simone Violand Baumgartner, Sonja Beckmann, Stefanie Bachnick, Stella Dunn, Stephan Krähenbühl, Thekla Brunkert, Urs Fichtner, Xhyljeta Luta, Zanfina Ademi

* Colors represent the categories of the first image above / Members of SIUS I and the leadership team are shown in bold.

Educating Talents since 1460.

Universität Basel Pflegewissenschaft · Nursing Science (INS) Departement Public Health Bernoullistrasse 28 4056 Basel, Schweiz

nursing.unibas.ch