



# Presentation of the Department of Educational Science

Presentation of the chairs



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# School Pedagogy

Prof. Dr. Dr. Diana Raufelder

# School Pedagogy



Prof. Dr. Dr. Diana Raufelder



Dr. Stefan Kulakow



Dr. Olga Steinberg



Dr. Sabine Schweder



Tino Wulff



Martina Winkelmann



Dr. Anne Heller



Dr. Armin Jentsch



Dr. Frances Hoferichter

# School Pedagogy



Prof. Dr. Dr.  
Diana  
Raufelder

## **Main topics:**

- Motivation, socio-emotional learning factors, stress, teacher education

## **Possible research questions:**

1. What role does the teacher-student relationship play in school motivation and teaching/learning processes?
2. What role does mentoring/personality/practicum experiences play in the professional development of student teachers?

## **Research methods:**

- Quantitative (SPSS, Mplus) and qualitative (e.g., content analysis)

**Final thesis in English is very welcome!**

# School Pedagogy

## **Main topics:**

- Well-being, stress, social relationships



Dr.  
Frances  
Hoferichter

## **Possible research questions:**

1. What role do relationships with teachers, peers, and parents play in secondary students' well-being/ stress/ bullying experiences/ pressure to perform?
2. What individual (personality) and contextual factors (school and classroom climate) contribute to students reporting high academic motivation?
3. Are there different profiles / types that differ in terms of their perception of stress? How can they be described?

## **Research methods:**

- Quantitative (SPSS, Mplus) and qualitative (e.g., content analysis)

**Final thesis in English is very welcome!**

# School Pedagogy



## Research topics:

Motivation and learning

## Possible research questions

1. How are motivated students?
2. Girls vs. boys: Gender effects due to different learning conditions
3. How much motivated students by individualized learning conditions, such as inquired-based learning, learning with competency matrices, web-quest or future-work-events.



Dr. Sabine  
Schweder

## Research methods:

- Quantitative (Excel, SPSS, Mplus) or qualitative methods (standard-related questionnaires, participant-oriented observation)

# School Pedagogy

## **Main topics:**

- Classroom Management, social integration

## **Possible research questions:**

1. Which conditions for success does classroom management need (teacher personality, class climate, control systems)?
2. How can the learning space designed as a communication promoting space ?
3. Which strategies and methods support team building in the classroom?



Dr. Anne  
Heller

## **Research methods:**

- Qualitative interview methods, participant observation, social area analysis



# School Pedagogy



## **Main topics:**

Communication/Authority, Gender

## **Possible research questions:**

1. What makes a good relationship in school?  
Is there such a thing as "natural authority"?, ...
2. What role does the category of gender play in the school context?

## **Research methods:**

- Qualitative, e.g. biographical interview methods



Martina  
Winkelmann

# Interdisciplinary research on teaching, learning and school development

Jun.-Prof. Dr. Andrea Westphal





# Interdisciplinary research on teaching, learning and school development

## Research

- Instructional quality
- Diagnosis of student competencies
- Teacher professionalization

## Possible research questions for your thesis

- To what extent does a supportive climate foster specific groups of students more effectively than others?
- How helpful are mindfulness-based strategies in fostering students' or teachers' emotional wellbeing?

## Research method

- You collect and analyze your own data, e.g., using R or SPSS
- Systematic review of empirical literature

## Final theses in English are very welcome



# Primary Education

Interim Prof. Dr. Juliane Schlesier

# Primary Education



**Dr. Grezgorz Lisek**  
Evaluation of practical  
school experiences



**Interim Prof. Dr. Juliane Schlesier**  
Primary Education



**Nele Bartel**  
Mathematics  
didactics

**Thomas  
Kuschel**  
Mathematics in  
primary  
education



**Dr. Simon  
Sikora**  
Mathematics  
didactics



# Primary Education



**Ute Volkert**  
School network &  
Mentor coordinator



**Nele  
Hameister**  
Coordination of  
practical school  
experiences



**Stefanie Wesche**  
Preparation &  
Reflection of practical  
school experiences



**Caroline Hoffmann**  
Preparation &  
Reflection of practical  
school experiences

# Main topics

- Linking theory & practice in teacher training of primary education
- Children's perspectives
- Emotions & emotion regulation in primary school
- Teacher-student-interaction
- Students' scholastic well-being in transitional phases (transitions: kindergarten → primary school and primary → secondary school)
- Interdisciplinary: Design and testing of teaching materials for primary education (coop.: mathematics didactics)

# Qualitative Research on Primary Education

- Interview research
- Children's drawings
- Observations  
(qualitative)



(Children's drawing on performance-related joy.)



# Quantitative Research on Primary Education

- Development and implementation of learning materials
- Surveys via questionnaires
- Use & analysis of available (existing) data
- Class observations (quantitative)



# Primary Science and Social Sciences and its Didactics

Vertr.-Prof. Dr. Marc Müller

# Primary Science and Social Sciences and its Didactics



Vertr.-Prof. Dr. Marc Müller

## Research topics

- Phenomenology in science and technology beginners lessons
- „Lehrstückunterricht“ in elementary school
- Exploration, conceptual foundations of Primary Science and Social Sciences, philosophy of science, ...



# Primary Science and Social Sciences and its Didactics

## **Main topics:**

- phenomenon-based approaches to Primary Science and Social Sciences (e.g. in relation to "Martin Wagenschein")
- „Lehrstückunterricht“ in elementary school (e.g. with [www.lehrkunst.org](http://www.lehrkunst.org))
- Technology (analog/digital) and natural sciences
- Development, conception or criticism of specific, didactically justified teaching arrangements
- History of natural sciences & philosophy of science with reference to Primary Science and Social Sciences

## **possible research questions (examples):**

- The „Pfeilstorch“ („arrow stork“) – potential for multi-perspective teaching?
- Phenomenon-based mechanics/acoustics/optics in Primary Science and Social Sciences?
- Criteria for successful “Lehrstückunterricht” in elementary school
- Children's ideas about clouds

# Special Education and Inclusion

Prof. Dr. phil. habil Kathrin Mahlau

# Special Education and Inclusion



Prof. Dr. Kathrin Mahlau



Lena Varuna Wuntke



Anke Sagert

# Special Education and Inclusion



## **Main topics:**

- Questions about the success of inclusive strategies in the classroom

## **Possible questions:**

1. How are students with special educational needs socially integrated into their inclusive class?
2. Does the self-concept of students with special needs differ from their peers without special needs?
3. Do students with special needs in the area of language (emotional-social development, learning) have comparable speech levels in the inclusive classroom compared to their peers?

## **4. Research methods:**

- Quantitative (e.g. Excel, SPSS) and qualitative (e.g. qualitative content analysis – interview)



Prof. Dr.  
Kathrin Mahlau

**Final theses in English are very welcome!**

# Special Education and Inclusion

## **Main topics:**

- Inclusive teaching in the primary school

## **Possible Questions:**

1. What are the attitudes of primary school teachers towards inclusive education?
2. How are students with special educational needs socially integrated into their inclusive class?
3. What are success conditions and mechanisms of inclusive teaching?

## **4. Research methods:**

- Systematic (literature) research
- Quantitative (e.g. Excel, SPSS) and qualitative (e.g. guided interviews, systematic observation / Qualitative Content Analysis)
- Single case experimental designs (SCED)

**Final theses in English are very welcome!**



Lena Varuna Wuntke



# Special Education and Inclusion



Anke Sagert

## **Main topics:**

- Spelling promotion/support

## **Possible questions:**

1. Is individualized spelling support using RESAN spelling support materials evident?
2. Does a child achieve better results after individual spelling support with selected support materials than a child without individual support?

## **Research methods:**

- Quantitative (e.g. Excel, SPSS) and qualitative (e.g. qualitative content analysis – interview)
- Single case experimental designs (SCED)

# Chair of Media Pedagogy und Media Education

Jan Rooschüz und Nadine Berlenbach



Prof. Dr. Ines Sura



Jan Rooschüz



Nadine Berlenbach



Béla Kreuchauf



Dr. Grzegorz Lisek

## Thematic focus of the chair:

- Gamification
- Game based learning
- Sex and Media Education
- Media Education and Inclusion
- Media Education and Political Education
- Practical media work
- Professionalisation of Media Education
- Positive Content



## Projects of the chair

- **Monster**
  - Extensive technology pool and innovative learningspace for students
  - Studio
- **FaM-OS MV**
  - Media educational qualification of educational staff (SGB VIII)
- **Digitalisierung im Dialog**
  - Digital participation in rural areas
- **Medienkoffer**
  - (mobile) media education for 1st and 2nd graders
- **Train the Teacher**
  - German-Polish exchange project on digital educational design
- **Media education in primary school**
  - MedienUniversum and Medienplanet: online platform und app

# Contact

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**Nadine Berlenbach**

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# Chair of General Education

(Systematic/Comparative/Historical Education)



**Prof. Andreas Pehnke**  
*chair holder*



**PD Dr. Gabriele Förster**  
*research associate*

### Selected research interests:

- History of individual experimental reform schools founded in the state-run regular school system between 1919 and 1933. At that time, there were 200 reform schools for the elementary school sector and seven reform schools for the secondary school sector. Currently, only about 25 of these schools have been explored in terms of educational history. (A. Pehnke)
- Life and work of Pomeranian elementary school teachers until the middle of the 20th century (G. Förster)
- History and presence of health education (G. Förster)



## Topics of current final theses from summer term 2021 and winter term 2021/22 (G. Förster):

- Stress in the everyday life of teachers - stresses and strains in the context of schools
- Being fit and healthy in everyday life as a teacher
- Health of teachers before and during the Corona pandemic
- Children of sick parents
- Children of alcoholic parents

*Planned:*

- *Future theses especially on the living situation and support possibilities for chronically ill children at school.*