

CURRICULUM VITAE

Prof. Dr. KARIN HEDIGER



1. Personal information

Date of birth 21.06.1984
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Google Scholar: <https://scholar.google.ch/citations?user=J3unZPIAAAAJ&hl=de>

2. Education

11/2021 **Habilitation** (Venia docendi, PD Dr. phil. habil.)
University of Basel (CH)

09/2019 – 08/2020 **Certificate in university didactics**
University of Basel (CH)

09/2015 – 06/2016 **Certificate of Advanced Studies in Psychotraumatology** at the University of Zurich (CH)
Advisor: Prof. Dr. phil. Markus Landolt

01/2011 – 06/2015 Postgraduate education in psychotherapy at the Universities of Fribourg & Zurich (CH)
Advisors: Prof. Dr. Simone Munsch, Prof. Dr. Guy Bodenmann
Degree: **eidg. accredited psychotherapist**

01/2012 – 11/2014 Postgraduate education in child and adolescent psychology
Swiss Association for child and adolescent psychology (SKJP)
Degree: **Fachpsychologin für Kinder- und Jugendpsychologie FSP**

01/2009 – 01/2012 **PhD / Dr. phil. (summa cum laude)**
University of Rostock (Germany), Department of special education and rehabilitation
Advisors: Prof. Dr. Henri Julius, Prof. Dr. Erhard Olbrich, PD Dr. Dennis C. Turner
Date of defence: 27.01.2012

10/2010 – 08/2012 **Diploma in equine-assisted therapy**
Swiss Group for Therapeutic Riding (SG-TR)

02/2009 – 12/2011 **Certificate in animal-assisted therapy**
I.E.T. Switzerland, in cooperation with the psychotherapeutical practice Altamira and the zoological institute at the University of Zurich

09/2003 – 11/2008 **Master of Science UZH / lic. phil. I (summa cum laude)** in Clinical psychology and psychotherapy
University of Zürich (Switzerland)

3. Employment history

Research positions:

Since 07/2024 **Full professor**, University of Luzern, Faculty of Psychology

10/2021 – 06/2024 **SNSF Eccellenza Professor** (Assistant Professor), University of Basel, Faculty of Psychology

Since 10/2020 **Professor**, endowed chair Anthrozoology, Open University, Heerlen, the Netherlands (20%)

Since 09/2017 **Adjunct senior researcher**, Swiss Tropical and Public Health Institute (Swiss TPH), Department of Epidemiology and Public Health

09/2017 – 08/2021 **SNSF Ambizione Senior Postdoc**, University of Basel, Faculty of Psychology (80%)

10/2015 – 08/2017 **Postdoc**, University of Basel, Faculty of Psychology (80%)

09/2013 – 08/2017 **Postdoc**, Swiss Tropical and Public Health Institute (Swiss TPH), Department of Epidemiology and Public Health

Clinical positions:

Since 02/2016 **Psychotherapist and deputy head**, Center for Psychotherapy, University of Basel

11/2015 – 12/2017 Psychotherapist, REHAB Basel, Clinic for neurorehabilitation and paraplegiology, Basel

11/2014 – 11/2015 Psychotherapist, Psychotherapeutical Practice Klösterli, Zofingen

05/2014 – 12/2015 Therapist for equine-assisted interventions, Riding Therapy Center Hohenberg, Schönenberg
 11/2011 – 11/2014 Psychotherapist, Child and adolescent psychiatry practice, Reiden
 01/2008 – 08/2013 Psychologist, School Psychology Service Schwyz, Pfäffikon
 10/2010 – 03/2012 Specialist for examination of children, Security Department Kanton Schwyz
 04/2007 – 04/2011 Assistant psychologist recruitment, Swiss Confederation, Swiss Armed Forces executive staff, Center of recruitment, Rütli

4. Institutional responsibilities

Since 06/2022 Lead of the working group “personal integrity” at the Faculty of Psychology, University of Basel
 Since 10/2021 Faculty Delegate Diversity of the University of Basel
 Since 12/2020 Scholarship Commission of the University of Basel
 Since 10/2020 Teaching and supervision of PhD, Master’s, and Bachelor’s students at the Open University, the Netherlands
 Since 09/2018 Director of the Certificate of Advanced Studies (CAS) in Animal-Assisted Therapy at the University of Basel
 Since 05/2016 Deputy head, Center for Psychotherapy, University of Basel
 Since 02/2016 Psychotherapist at the Center for Psychotherapy, University of Basel
 Since 09/2013 Teaching and supervision of PhD, Master’s, and Bachelor’s students at the University of Basel

5. Approved research projects (from 2015 on)

07/2022 Effects of a psychotherapy group program for children and adolescents with post-traumatic stress symptoms. ClinicalTrials.gov Identifier: NCT05608551. Principal Investigator.
 05/2022 Effects of the Inclusion of a Dog in Psychotherapy on Children’s Alliance and Treatment Motivation. ClinicalTrials.gov Identifier: NCT05384808. Principal Investigator.
 07/2021 Effects of an animal-assisted resilience training (AART) for children with a history of stressful live events. Co-Investigator.
 04/2020 Combining Animal-assisted Intervention and Placebo-induced Analgesia (AIPLA), ClinicalTrials.gov Identifier: NCT04361968. Principal Investigator.
 10/2019 Animal-assisted interventions for post-traumatic stress symptoms: a systematic review and meta-analysis [CRD42019141584]. Principal Investigator.
 04/2019 Therapeutic Effects of Animal-Assisted Therapy for Patients in a Minimally Conscious State ClinicalTrials.gov Identifier: NCT03910959. Principal Investigator.
 04/2019 Animal-assisted Placebo-induced Analgesia, ClinicalTrials.gov Identifier: NCT03898141. Principal Investigator.
 09/2018 Long-term Effects of AAT in Patients with ABI, ClinicalTrials.gov Identifier: NCT03687671. Principal Investigator.
 11/2018 Animal Assisted Mindfulness Intervention (AAMI) for Patients with Acquired Brain Injury ClinicalTrials.gov Identifier: NCT03729908. Principal Investigator.
 05/2018 AAT REHAB: Einflüsse auf das Verhalten von Tieren, die für tiergestützte Therapie eingesetzt werden. Tierversuch Nr. 2713 / 29573
 11/2017 Neurovascular Reactions to AAT in Patients with DOC, ClinicalTrials.gov Identifier: NCT03341325. Principal Investigator.
 09/2017 Effects of Ward Cats in Patients with Substance Abuse, Depression and Psychosis at UPK Basel ClinicalTrials.gov Identifier: NCT03260075. Principal Investigator.
 12/2016 Influence of Dogs on Learning in Children, ClinicalTrials.gov Identifier: NCT02992626. Principal Investigator.
 12/2015 Effects of Animal Assisted Therapy on Patients with Severe Disorders of Consciousness ClinicalTrials.gov Identifier: NCT02629302. Principal Investigator.
 11/2015 Effects of Animal-assisted Therapy on Brain-injured Patients, ClinicalTrials.gov Identifier: NCT02599766

6. Supervision of junior researchers at graduate and postgraduate level

Current supervision of junior researchers: Elena Pauli, Wanda Arnskötter, Fabio Carbone, Julia Schaupp, Suzanne Martin (*PhD University of Basel*); Pascale Künzi (*PhD University of Bern*); Peter Reniers, Tynke de Winkel, Marloes Ernst, Daniëlle Groenewoud, Thomas Kleinen (*PhD Open University, Heerlen, the Netherlands*); Viviane Kahlweiss, Elham Güler, Filip Vrtic, Célestine Victoria Baer, Alison Crivelli, Jérémie Répond, Anja Blaser, Tamarith Schlunegger (*MSc University of Basel*); Nina Kus (*MSc SwissTPH*); Nina Schärer, Livia Moritz (*BSc University of Basel*).

Past supervision since 2014: Rahel Marti (*PhD University of Basel*), Cora Wagner, Milena Petignat (*PhD University of Basel*), Sandra Wirth (*Dr. med. vet. University of Zürich*); Eva Markzoll, Marina Lunzenfichter, Mareike Rytz, Vivien Urfer, Armin Schenk, Anna Häfeli, Carmina Grob, Jessica Schmid, Linda Eggenschwiler, Lea Hustadt, Felicitas Theis, Andrina Baitella, Friederike Boek, Rahel Marti, Cora Wagner, Julia Sachers, Wanda Arnskötter, Lea Walther, Gianna Traub, Leonie Suter, Eleonore Waltenspil, Stefan Thommen, Romana Camenzind, Vanya Gocheva, Stefanie Brennwald (*MSc University of Basel*); Meret Hartmann (*University of Bern*), Winnie Gut (*MSc Swiss TPH & Vetsuisse, University of Zurich*); Emma Huss (*University of Innsbruck, Austria*), Calita Mona (*MSc PH Freiburg*); Salome Brügger, Svea Stöckli, Nesrin Bernasconi, Fabienne Tschäppeler, Ramona Meier, Anna Lorena Gerecke, Gudrun Karbe, Lena Greschner, Michel Stampa, Julia Wagner, Sophie Wacker, Linda Eggenschwiler, Sophie Schnell (*BSc University of Basel*)

7. Teaching activities

Since 2013, regular lectures and seminars at different Universities:

- Practice seminar “Animal-assisted psychotherapy for children and youth” University of Basel, FS 2023 / FS 2022 / FS 2019
- Lecture “clinical child and youth psychology”, University of Basel, HS 2022 / HS 2021 / HS 2020 / HS 2019
- Practice seminar “child and youth psychotherapy”, University of Basel, FS 2022
- Colloquium “clinical psychology, psychotherapy and animal-assisted interventions” HS 2022 / FS 2022
- Practice seminar (Service Learning) “Förderung der Interaktionsform “Sustained Shared Thinking” bei Kindern durch die Auseinandersetzung mit Tieren”, University of Basel, FS 2020
- Lecture within “Psychotherapy for Children and Adolescents” University of Basel, HS 2020 / HS 2019 / HS 2018 / FS 2018
- Lectures within and tutoring of the One Health MOOC by University of Basel, HS 2021 / HS 2020 / HS 2019 / HS 2018 / HS 2017 / HS 2016: <https://www.futurelearn.com/courses/one-health>.
- Lectures on “human-animal relationship” within the seminar “One Health: Der Mehrwert einer engeren Zusammenarbeit von Human- und Tiermedizin) for students in veterinary medicine (Universities Zurich and Bern): HS 2021 / HS 2020 / HS 2019 / HS 2018 / HS 2017 / HS 2016 / HS 2015 / HS 2014
- Seminar on human-animal relationship and animal-assisted therapy, master’s students in public health (Universities Basel, Bern and Zurich): HS 2018 / HS 2015 / HS 2013
- Lecture on animal-assisted therapy within the Kolloquium for master’s students in psychology: HS 2016 / FS 2016 / HS 2015
- Lecture on animal-assisted therapy for students in public health (Swiss TPH, University of Basel): HS 2015 / HS 2014

Development and management of the post-graduate course “Certificate of Advanced Studies in Animal-Assisted Therapy” at University of Basel, as well as teaching in the course, HS 2021 / HS 2020 / HS 2018.

Since 2012, regularly active in courses for continuing education on invitation for different private organizations and institutions, mostly for people with medical, psychological, educational or veterinary background. Since 2014, lecturer in several institutions in Switzerland as well as in Germany within postgraduate educational programs in animal-assisted therapy (e.g. DAS course in Horse-Assisted Therapy and CAS course in Animal-Assisted Interventions at “Hochschule für Gesundheit Fribourg”, Switzerland; Institute for social learning with animals, Hannover, D; Institute of applied ethology (IET), CH; Freiburger Institute of Animal-Assisted Therapy, D, etc.).

8. Membership in panels, boards, and individual scientific reviewing activities

07/2023	Guest editor BMC Complementary Medicine and Therapies, collection on animal-assisted interventions for mental health
Since 2022	President of GTTA (Swiss Association for animal-assisted therapy and activity); board member since 2020
Since 2020	Member of the editorial board of the journal “Mensch und Pferd International”, Reinhardt Verlag
11/2019	Guest editor in the International Journal of Environmental Research and Public Health (Special Issue “The Impact of Companion Animals on Public Health”)
Since 2019	Scientific advisory board of the research group “Animal assisted interventions” at the University of applied sciences “Alice Solomon Hochschule” in Berlin, Germany
Since 2019	Editorial advisory board for the journal «Mensch & Pferd international - Zeitschrift für Förderung und Therapie mit dem Pferd», Reinhardt Verlag
Since 2018	Board member of IAHAIO (International Association of Human-Animal Interaction Organizations): Vice President Education
Since 2018	Editorial review board member of the Journal “Human Animal Interaction Bulletin” (HAIB)
Since 2018	Scientific advisory board of the Bundesverband Tiergestützte Interventionen e.V. Germany (German National Association of Animal Assisted Interventions)
2015 - 2022	Board member of ISAAT (International Society of Animal Assisted Therapy)

Reviewing activities for the following journals: Scientific Reports, PLOS ONE, Neuropsychological Rehabilitation, Cochrane Database of Systematic Reviews, Animals, Journal of veterinary behavior, Anthrozoos, Childrens, Frontiers in Veterinary Science, Human-Animal Interaction Bulletin, Veterinary Medicine Austria, Mensch & Pferd International, People and Animals: The International Journal of Research and Practice.

9. Active memberships in scientific societies

Since 2020	Member of the Committee for Clinical Psychology and Psychotherapy at Swiss Universities (KKPP)
Since 2020	Member of the Swiss Psychological Society (SPS)
Since 2016	President of IEMT Switzerland (Institute for Interdisciplinary Research on Human-Animal Relationship); executive director 2013 – 2015.
Since 2009	Member of the International Society of Anthrozoology (ISAZ)

10. Organisation of conferences

Symposium of the pharmaceutical society Title: Behavioral problems in children and adolescents - Therapeutic approaches for "Zappelphilipp" and "Hans Guck in die Luft". Basel, 09.05.2023, Basel, Switzerland. Role: co-organizer and moderator

Swiss Conference on the Human-Animal Relationship. Title: Developments and perspectives of animal-assisted interventions in research and practice. March 18, 2023, Basel, 220 participants. Role: initiator and head of organization committee, acquired funding: 15'000 CHF

Swiss Conference on the Human-Animal Relationship. Title: The contribution of animal-assisted interventions to human and animal health: research and practice exchanged. March 13, 2021, online, 260 participants. Role: initiator and head of organization committee, acquired funding: 10'000 CHF

IAHAIO 15th international triennial conference, Title: Science Meets Practice: Creating Healthy Environments for People and Animals. 12-14. April 2019, Brewster, USA. Role: member of the organization board

Swiss Conference on the Human-Animal Relationship. Title: Animal-assisted interventions: A benefit for society thanks to research and practice. March 24, 2018, Basel, 200 participants. Role: initiator and head of organization committee, acquired funding: 10'000 CHF

Swiss Conference on the Human-Animal Relationship. Title: Implementation of scientific findings in the practice of animal-assisted interventions. March 12, 2016, Basel, 170 participants. Role: initiator and head of organization committee

Swiss Conference on the Human-Animal Relationship. Title: Animal-assisted interventions as part of One Health: research and practice in exchange. March 15, 2014, Basel, 180 participants. Role: initiator and head of organization committee, acquired funding: 17'000 CHF

11. Prizes, awards, fellowships

01/2023	Nominated as a member of AcademiaNet by the Swiss National Science Foundation (see www.academia-net.org)
10/2021 – 09/2026	Swiss National Science Foundation: Highly competitive Eccellenza Professorial fellowship at the University of Basel
09/2020	ISAZ Early Career Scholar Award (recognizes outstanding scholarly accomplishments in Anthrozoology/Animal Studies; 2'500 USD)
03/2020	"Inger Salling Prize for Psychiatry" for outstanding achievements in clinical or applied research of anthropologic or psychotherapeutic psychiatry (15'000 CHF)
12/2019	"Impuls" program at University of Basel: competitive support for a service learning seminar
04/2019	Short-list for the teaching excellence award at the Faculty of Psychology, University of Basel, in the category "Modern Scholarship"
04/2019	Best poster award of the International Association for Human-Animal Interaction Organizations (IAHAIO) with the title: „There is a Cat on our Ward“: Inpatient's Attitudes towards and Experiences with Cats in a Psychiatric Ward (co-author)
01/2019 – 03/2019	Visiting research fellowship, Purdue University College of Veterinary Medicine, USA, Prof. Maggie O'Haire
04/2018 – 06/2018	Visiting research fellowship, Faculty of Psychology and Educational Sciences, Open University, Netherlands, Prof. Dr. Marie-Jose Enders-Slegers
09/2017 – 09/2021	Swiss National Science Foundation: Highly competitive Ambizione grant, University of Basel
01/2017 – 11/2017	Antelope medical professorship: Competitive program for excellent female postdoctoral researchers at University of Basel
12/2016	Best poster award of the German Society for Neurorehabilitation (DGNR) with the title: Effects of animal-assisted therapy on socioemotional behavior and attention in patients with brain injury.

Acquired third-party funds

Period	Title	Researcher (Role)	Funding Agency	Amount (CHF)
2021-2026	Eccellenza Professorial Fellowship. From bench to barn to bed: Effects and mechanisms of animal-assisted interventions	Hediger, Karin (PI)	Swiss National Science Foundation	1'634'819
2022-2025	EYLE: Equestrian Young Leaders Europe	Hediger, Karin (PI), European, Dutch, Hungarian, Norwegian, Swedish and Bulgarian Equestrian Federation (co-applicants)	Erasmus+	14'515 (387'065 total)
2022-2024	Animal-assisted therapy in neurorehabilitation	Hediger, Karin (PI), Zinsstag, Jakob (Co-investigator)	Stiftung pro REHAB Basel	150'000
2022-2023	NATAIS (Neurodegenerative diseases, nATure, AnimalS)	Leontjevas, Roeslan (PI), Hediger, Karin (Co-PI), Enders-Slegers, Marie-Jose (Co-PI), Gerritsen, Debby (Co-PI)	JPND: EU Joint Programme – Neurodegenerative Disease Research	47'986
2021-2022	The beneficial mechanisms of human-animal interaction in daily life, an experience sampling study of pet-owners	Janssens, Mayke (PI), Hediger, Karin (Co-investigator), Jacobs Nele (Co-investigator), Eshuis Jannes (Co-investigator)	Human Animal Bond Research (HABRI), USA	37'351
2020-2024	Pet@home: tools to integrate the role of the pet into structured care plans	Leontjevas, Roeslan (PI), Hediger, Karin (Co-PI), Enders-Slegers, Marie-José (Co-investigator)	ZonMW, the Netherlands	268'185
2019-2021	Effects of animal-assisted therapy in patients with brain injury	Hediger, Karin (PI), Zinsstag, Jakob (Co-investigator)	Stiftung pro REHAB Basel	150'000
2017-2021	Ambizione grant. «Psychophysiological effects of animal-assisted interventions in patients with brain injury» (PZ00P1_174082 / 1)	Hediger, Karin (PI)	Swiss National Science Foundation	706'727
2016-2018	Effects of animal-assisted therapy in patients with brain injury	Hediger, Karin (PI), Zinsstag, Jakob (Co-investigator)	Stiftung pro REHAB Basel	144'069
2015-2016		Hediger, Karin	Forschungsfonds, University of Basel	76'195
2013-2016	Effects of animal-assisted therapy in patients with brain injury	Hediger, Karin (PI), Zinsstag, Jakob (Co-investigator)	Stiftung pro REHAB Basel	102'487
06/2014	Money for acquiring the coding software Noldus Observer	Hediger, Karin	Freie Akademische Gesellschaft, University of Basel	10'000
TOTAL CHF				2'971'597

12. Research Output

1. Publications in peer-reviewed scientific journals

- Marti, R.*, Hediger, K.*, & Hattendorf, J. (in preparation). Factors of pet ownership associated with human health: a representative cross-sectional Swiss survey
- Hediger, K., Lunzenfichter, M., Markzoll, E., Arnskötter, W., Schaudek, M. & Kluger, G. (submitted). Hippotherapy in neurorehabilitation of children with severe neurological impairment: an explorative study
- Declercq, I., Reniers, P., Leontjevas R., Enders-Slegers, M.-J. & Hediger, K. (submitted). Developing a research agenda on Nature-based and Animal-assisted Intervention Strategies (NATAIS) in people with neurodegenerative diseases with a specific focus on social isolation and loneliness
- Schaupp, J., Hediger, K., Wunderli, J.-M., Schäffer, B., Tobias, S., Kolecka, N., & Bauer, N. (submitted). Psychophysiological effects of walking in forests and urban built environments with disparate road traffic noise exposure: study protocol of a randomized controlled trial.
- Reniers PWA, Leontjevas R, Declercq IJN, Enders-Slegers M-J, Gerritsen DL, Hediger K. (2024). The Development of the PET@home Toolkit: An Experience-Based Co-Design Method Study. *International Journal of Nursing Studies Advances*.
- DeWinkel, T., van der Steen, S., Enders-Slegers, M.-J., Griffioen, R., Haverbeke, A., Groenewoud, D. & Hediger, K. (2024). Observational Behaviors and Emotions to Assess Welfare of Dogs: A Systematic Review. *Journal of Veterinary Behaviour*, 27, 1-17. <https://doi.org/10.1016/j.jveb.2023.12.007>
- Arnskötter, W., Martin, S. & Hediger, K. (2024). Animal-assisted therapy for children with posttraumatic stress disorder: Study protocol for a randomized controlled trial evaluating trauma-focused cognitive behavioral therapy with and without animal support. *Trials*, 25(26). <https://doi.org/10.1186/s13063-023-07854-4>
- Naber, A., Völk, M., Hediger, K., & Zink, R. (2023). Can Equine Communication via Audible Exhales Improve the Welfare of Therapy Horses? – A Pilot Practice Project. *Human-Animal Interactions*, 11(1). <https://doi.org/10.1079/hai.2023.0039>
- Reniers, P., Leontjevas, R., Declercq, I., Molog, M., Enders-Slegers, M.-J., Gerritsen, D., & Hediger, K. (2023). De Betekenis van huisdieren in de langdurige thuiszorg. *Tijdschrift Voor Gerontologie En Geriatrie*, 54(4). <https://doi.org/10.54195/tgg.18095>
- Janssens, M., Eshuis, J., Heilijgers, E., Jacobs, N., Hediger, K. & Peeters, S. (2023). Animal Impact in Real-life: Study protocol for an ecological momentary assessment study on the role of animal characteristics in the relationship between companion animals and mental well-being. *Mental Health Science*. <https://doi.org/10.1002/mhs2.40>
- Reniers, P., Leontjevas, R., Declercq, I., Enders-Slegers, M.-J., Gerritsen, D. & Hediger, K. (2023). The Roles of Pets in Long-Term Care at Home: A Qualitative Study. *BMC Geriatrics*. 23(702). <https://doi.org/10.1186/s12877-023-04416-w>. Preprint: <https://doi.org/10.21203/rs.3.rs-2751771/v1>
- Reniers, P., Declercq, I., Hediger, K., Enders-Slegers, M.-J., Gerritsen, D. L. & Leontjevas, R. (2023). The role of pets in the support systems of community-dwelling older adults: a qualitative systematic review. *Aging & Mental Health*. 27(7), 1377-1387. <https://doi.org/10.1080/13607863.2022.2141196>
- Enders-Slegers, M.-J. & Hediger, K. (2023). Dieren als assistent-behandelaars? *Huisarts en Wetenschap*, 66(6), 27-29. <https://doi.org/10.1007/s12445-023-2256-1>.
- Locher, C., Petignat, M., Wagner, C., Hediger, K., Roth B., Gaab, J., & Koechlin, H. (2023). Animal-Assisted Psychotherapy for Pediatric Chronic Pain: Case Series of an Open Pilot Study to Test Initial Feasibility and Potential Efficacy. *Journal of Pain Research*. 16, 1799-1811. <https://doi.org/10.2147/JPR.S394270>
- Groenewoud, D., Enders-Slegers, M. J., Leontjevas, R., Van Dijke, A., De Winkel, T. & Hediger, K. (2023). Children's bond with companion animals and associations with psychosocial health: a systematic review. *Frontiers in Psychology*. <https://doi.org/10.3398/fpsyg.2023.1120000>
- Wagner, C., Gaab, J., & Hediger, K. (2023). The Importance of the Treatment Rationale in Animal-Assisted Intervention in Pain - A Randomized Controlled Trial in Healthy Participants. *Journal of Pain*. 2, 1526-5900. <https://doi.org/10.1016/j.jpain.2023.01.004>

- Wohlfarth, R. & Hediger, K. (2022). Tierethische Aspekte tiergestützter Therapie. *TIERethik*. 14(25), 19-59.
https://tierethik.net/data/2022-02/TE_2022_2_WohlfarthHediger.pdf
- Reniers, P., Declercq, I., Hediger, K., Gerritsen, D., Enders-Slegers., & Leontjevas, R. (2022). The role of pets in the support systems of community-dwelling older adults: A qualitative systematic review. *Aging and Mental Health*.
<https://doi.org/10.1080/13607863.2022.2141196>
- Reniers, P., Leontjevas, R., Declercq, I., Enders-Slegers, M.-J., Gerritsen, D., & Hediger, K. (2022). The Significance of Pets for Vulnerable Older Adults during the COVID-19 Pandemic: An Explorative Qualitative Study. *Animals*. 12(20), 2752. <https://doi.org/10.3390/ani12202752>
- Marti, R., Petignat, M., Marcar, V., Hattendorf, J., Wolf, M., Hund-Georgiadis, M., & Hediger, K. (2022). Effects of Contact with a Dog on Prefrontal Brain Activity: A Controlled Trial. *PLoS ONE*. 17(10), e0274833.
<https://doi.org/10.1371/journal.pone.0274833>
- Zinsstag, J., Hediger, K., Maidane Osman, Y., Abukhattab, S., Crump, L., Kaiser-Grolimund, A., Mauti, S., Ahmed, S., Hattendorf, J., Bonfoh, B., Heitz-Tokpa, K., Berger Gonzalez, M., Bucher, A., Lechenne, M., Tschopp, R., Obrist, B., Pelikan, K. (2022). The Promotion and Development of One Health at Swiss TPH and its Greater Potential. *Diseases*, 10 (3), 65. <https://doi.org/10.3390/diseases10030065>
- Hediger, K., Marti, R., Urfer, V., Schenk, A., Gutwein, V., & Dörr, C. (2022). Effects of a Dog-Assisted Social- and Emotional-Competence Training for Prisoners: A Controlled Study. *Int. J. Environ. Res. Public Health*, 19(17), 10553.
<https://doi.org/10.3390/ijerph191710553>
- Künzi, P., Ackert, M., grosse Holtforth, M., Hund-Georgiadis, M., & Hediger, K. (2022). Effects of Animal-Assisted Psychotherapy Incorporating Mindfulness and Self-Compassion in Neurorehabilitation: A Randomized Controlled Feasibility Trial. *Scientific Reports*, 12, 10898. <https://doi.org/10.1038/s41598-002-14584-1>
- Wagner, C., Grob, C., & Hediger, K. (2022). Specific and Non-Specific Factors of Animal-Assisted Interventions Considered in Research: A Systematic Review. *Frontiers in Psychology*. 13, 931347.
<https://doi.org/10.3389/fpsyg.2022.931347>
- Köchlin, H., & Hediger, K. (2021). Tiergestützte Schmerztherapie. Hilfe bei chronischen Schmerzen im Kindes- und Jugendalter? *Schweizer Zeitschrift Pädiatrie*, 5, 8-11.
- Hediger, K., & Marti, R. (2021). Tiergestützte Therapie bei schweren Bewusstseinsstörungen. *Schweizer Zeitschrift für Psychiatrie und Neurologie*, 5, 36-38.
- Reniers, P., Declercq, I., Gerritsen, D., Hediger, K., Enders-Slegers, M., & Leontjevas, R. (2021). 216 - ECN Award: 'The Meaning of Companion-Animal Support in Community-Dwelling Older Adults: An Integrative Review'. *International Psychogeriatrics*, 33 (S1), 17-17. <https://doi.org/10.1017/S1041610221001496>
- Leontjevas, R., Enders-Slegers, M., Reniers, P., Declercq, I., Gerritsen, D., & Hediger, K. (2021). 519 - PET@home: Research Protocol for a Toolkit to Improve Care for Non-Residential Long Term Care Clients Owning Pets. *International Psychogeriatrics*, 33 (S1), 68-68. <https://doi.org/10.1017/S1041610221002143>
- Wagner, C., Gaab, J., Locher, C., & Hediger, K. (2021). Lack of Effects of the Presence of a Dog on Pain Perception – A Randomized Controlled Trial. *Frontiers in Pain Research*, 2, 87. <https://doi.org/10.3389/fpain.2021.714469>
- Hediger, K., Wagner, J., Künzi, P., Theis, F., Haefeli, A., & Gerger, H. (2021). Effectiveness of Animal-Assisted Interventions for Children and Adults with Post-Traumatic Stress Disorder Symptoms: A Systematic Review and Meta-Analysis. *European Journal of Psychotraumatology*, 12 (1), 1879713. <https://doi.org/10.1080/20008198.2021.1879713>
- Koehlin, H., & Hediger, K. (2021). Das Potential tiergestützter Therapie zur Behandlung chronischer Schmerzen im Kindes- und Jugendalter. *Verhaltenstherapie und Psychosoziale Praxis*, 53 (1), 67-80.
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2. Peer-reviewed books/monographs

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Hediger, K., (2012). *Hunde und die Stressreaktion unsicher und desorganisiert gebundener Kinder*. Cuvillier Verlag, Göttingen. (PhD: summa cum laude)

3. Contributions to books

Pręgowski, M., Hediger, K., & M.-J. Enders-Slegers (2022). The Two Sides of the Human-Animal Bond. Reflections on Using and Abusing Companion Animals. In S. Pollo & A. Vitale (Eds.), *Human-Animal Relationships in Transformation. Scientific, moral and legal perspectives* (pp. 193-216). Palgrave MacMillan.

Hediger, K., & Beetz, A. (2021). Lernen und Konzentration. In A. Beetz, M. Riedel, & R. Wohlfarth (Eds.), *Tiergestützte Interventionen: Handbuch für die Aus- und Weiterbildung* (pp. 261-270). Ernst Reinhardt, München.

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Hediger, K. (2021). Freie Interaktionen zwischen Klient und Pferd in der pferdegestützten Psychotherapie. In Gäng, M. & Gäng-Schürch, S. (Eds.), *Therapeutisches Reiten* (pp. 105-124). Ernst Reinhardt, München.

Hediger, K., & Beetz, A. (2021). Benefits of Human-Animal Interactions for Mental Health and Well-being. In Zinsstag, J., Schelling, E., Crump, L., Whittaker, M., Tanner, M & Stephen, C. (Eds.), *One Health: The Theory and Practice of Integrated Health Approaches, 2nd edition* (pp.344-355). CAB International, Wallingford, UK.

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Hediger, K., & Wirth, S. (2019). Meerschweinchen in tiergestützten Interventionen: Was wir aus der Forschung über den Umgang mit diesen Tieren lernen können. In Otterstedt, C. (Eds.), *Meerschweinchen - Bunte Reihe, Heft 7*. Bremen: Stiftung Bündnis Mensch und Tier.

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- Enders-Slegers, M.-J., Hediger, K., Beetz, A., Jegatheeson, B., & Turner, D. C. (2019). AAI in an international perspective: trends, research and practices. In Fine A. (Eds.), *Handbook on Animal-Assisted Therapy, Foundations and Guidelines for Animal-Assisted Interventions*. 5th edition (pp. 465-478). San Diego: Academic Press.
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- Hediger, K., & Beetz, A. (2015). The Role of Human-Animal Interaction in Education. In Zinsstag, J., Schelling, E., Waltner-Toews, D., Whittaker, M. & Tanner, M. (Eds.), *One health: The Theory and Practice of Integrated Health Approaches* (pp.73-84). CAB International, Wallingford, UK.

4. Other relevant publications

- Hediger, K. (2022). *Moving Forward: How Animal-Assisted Interventions Can Enrich Healthcare*. Inaugural address, Open University, Netherlands.
- Hediger, K. (2021). *From Bench to Barn to Bed: Investigating and Utilizing the Effects and Mechanisms of Animal-Assisted Interventions*. Habilitation, University of Basel.
- Pauli, E., Hediger, K., Gerger, H., Vrtic, F., Haefeli, A., Grob, C., Rytz, M., Schenk, A., Urfer, V., Jeanneret, A., Mazumdar, J., Illgen, J., Blaser, A., Repond, J., Crivelli, A., Deraita, J., Meier, R., Schärer, N., Bernasconi, N., Fricker, A., Quinodoz, J., Colruyt, J., Darejati Güler, E., Schreiner, L. S., Herles, N. (2021). Effectiveness of animal assisted interventions in reducing depressive symptoms: A Systematic Review and Meta-Analysis. *PROSPERO PROSPERO International Prospective Register of Systematic Reviews*, CRD42021260471.
- Hediger, K., Künzi, P., Theis, F., Häfeli, A., Gerger, H., & Wagner, J. (2021). Animal-Assisted Interventions for Post-Traumatic Stress Symptoms: A Systematic Review and Meta-Analysis. *PROSPERO International Prospective Register of Systematic Reviews*, CRD42019141584.
- Gaab, J., Wagner, C., Petignat, M., & Hediger, K. (2019). Vom animalischen Magnetismus zur tiergestützten Therapie: Warum das Placebo und seine Effekte für die Theorie und die Praxis wichtig ist. *Tiergestützte*, 2, 28-33.
- Dörr, C., & Hediger, K. (2019). Tiergestütztes Training emotionaler und sozialer Kompetenzen mit Hunden im Strafvollzug. Standardisierung eines niederschweligen Behandlungsangebots. *Forum Strafvollzug – Zeitschrift für Strafvollzug und Straffälligenhilfe*, 69(3), 206-210.

Beetz, A., Hediger, K. & Turner, D. C (2016). IAHAIO Weissbuch 2014: Definition der IAHAIO für tiergestützte Interventionen und Richtlinien für das Wohlbefinden der beteiligten Tiere. *Tiergestützte*, 1, 32-35. <http://lernen-mit-tieren.de/tiergestuetzte-zeitschrift-archiv>

Hediger, K. (2015). Tiergestützte Interventionen bei psychisch erkrankten Menschen. *Pro Mente Sana Aktuell*, 2, 11-13. <https://www.promentesana.ch/de/angebote/shop/detail/produktdetail/zeitschrift-pms-aktuell/152-tier-und-psyche.html>

Hediger, K. (2014). Tiergestützte Therapie am REHAB Basel. Einblicke in Aufbau, Umsetzung und wissenschaftliche Begleitung. *Tiergestützte*, 2, 22-24. <http://lernen-mit-tieren.de/tiergestuetzte-zeitschrift-archiv>

Hediger, K. (2013). Vierbeiner öffnen Türen für die Therapie. *Psychologie und Erziehung*, 39 (1), 68-70.

5. Oral contributions to conferences

Zaak op Poten dag Aeres Hogeschool Dronten

Invited talk «One Health in Animal Assisted Interventions», 23.09.2023, Aeres Hogeschool Dronten, the Netherlands

IAHAIO webinar

Invited talk: «The Power of Guinea Pigs in Animal-Assisted Services: Bigger isn't Always Better». 20.09.2023, online

Seminar for animal caregivers in Switzerland

Invited talk: «When animals participate in animal-assisted therapy: what does it mean for the animals? 01.06.2023, University of Basel

Symposium of the Pharmaceutical Society Basel “behavioural problems in children and adolescents”

Organiser of symposium and plenary talk: “Animal-assisted therapy for behavioural problems”. 09.05.2023, University of Basel, Switzerland

Symposium “Animals in Medicine” of the Alfried Krupp Science College

Invited talk “Animal-Assisted Therapy”. 30-31.03.2023, Greifswald, Germany

Guest Colloquium Health Psychology for Children and Adolescents (Prof. Dr. Markus Landolt)

Invited talk “More than Jöö: animal-assisted therapy for children and youth”, 16.11.2022, University of Zürich, Switzerland

Annual Meeting of the Swiss Academy for Psychosomatic and Psychosocial Medicine & Swiss Pain Society

Invited talk “Animal Assisted Interventions for Posttraumatic Stress Disorders and Pain”, 10.-11.11.2022, Bern, Switzerland

SPS Congress 2022

Symposium organiser and chair: When talking is not enough: New approaches in animal-assisted therapy 04.-06.09.2022. Zürich, Switzerland

IAHAIO Conference 2022

Invited plenary talk: Is the animal important? Specific and Non-specific Factors of Animal-Assisted Interventions.

Invited panel talk: Looking Behind the Academic Curtain

25.-26.09.2022, virtual

ISAZ 2022 (International Society for Anthrozoology)

On Demand Talk: Psychological effects of hippotherapy in neuropsychiatric patients, Hediger, K., Lunzenfichter, M., Markzoll, E., Schauddeck, M., Kluger, G.

Talk: The Interaction with Companion Animals in Daily-life: A Study Protocol for an Experience Sampling Study into the Role of Animal Characteristics in the Pet-effect, Janssens, M., Eshuis, J., Peeters, S., Beijer-Klippel, A., Verhagen, S., Reijnders, J., Simons, M., Lataster, J., Hediger, K., Jacobs, N.

07.-09.07.2022, virtual conference (Boise, USA)

University Hospital Basel, further education «psychosomatic medicine»

Invited talk: Psychobiologische Effekte von Tieren auf den Menschen, 05.04.2022, Basel, Switzerland

University Psychiatric Services Bern

Invited talk: Tiergestützte Therapie: Aktuelles aus Forschung und Praxis, 16.02.2022, Bern, Switzerland

Animalicum, Animals & Us Congress

Invited talk: How pets accompanied us through the pandemic
18.-19.03.2022, Greifswald, Germany

DVG Vet-Congress 2021

Invited talk: «Warum liegt tiergestütztes Arbeiten so im Trend?»
18.-20.11.2021, Berlin, Germany

IAHAIO Conference 2021

Invited symposium talk: Mechanisms underlying Animal-Assisted Interventions, Enders-Slegers, MJ., Griffioen, R., Hediger, K., & van der Steen, S.
Invited symposium talk: Animal welfare standards in Animal-Assisted Interventions, Enders-Slegers, MJ. Hediger, K., Ormerod, E., & Jegatheesan, B.
25.-26.09.2021, virtual

Fachtagung Berlin «Mensch-Tier-Beziehungen und tiergestützte Interventionen»

Alice Solomon Highschool, Berlin
Invited talk: «One Health als Grundlage für tiergestützte Interventionen»
03.-04.09.2021, Berlin, Germany (online)

32th International Congress of Psychology (ICP), ICP 2020+

Symposium: “Human-Animal-Relationship Revisited: Viewpoints on positive, negative and exploitative aspects”
18.-23.07.2021, Prague, Czech Republic (online)

ISAZ 2021 (International Society for Anthrozoology)

Invited plenary talk “From bench to barn to bed: Can understanding human animal interactions help us design better treatments?”
22.-24.06.2021, virtual conference (Buffalo, USA)

HETI Conference (International Congress of Equine Facilitated Programmes)

Invited plenary talk: “One Health as framework for animal-assisted interventions”
07.-10.06.2021, Seoul, South Korea (online)

Research conference University Psychiatric Clinics Basel (UPK)

Invited oral presentation: “Animal-assisted therapy”
28.10.2020, virtual

ISAZ Conference 2020 (International Society for Anthrozoology)

Pre-recorded flash-presentation: “The potential of dog-assisted therapy in neurorehabilitation of children with severe neurological impairment: an explorative study”
03.-05.09.2020, virtual (Liverpool, United Kingdom)

International online conference “Green care – animal assisted interventions in education, coaching and therapy”

Invited oral presentation: “New results from science about human-animal relationship”,
29.06.2020, Hochschule für Agrar- und Umweltpädagogik, Vienna, Austria, Online

Antropozoa Conference “Contributions of AAI on education, research and activities”

Invited oral presentation: “Animal assisted therapy in neurorehabilitation”
8.11.2019, Florence, Italy

ISAAT/ESAAT Conference (International & European Society for Animal Assisted Therapy)

Invited oral presentation: “An update on research in animal-assisted interventions”
25.-26.10.2019, Sasbachwalden, Germany

16th SPS SGP SSP Conference (Swiss Psychological Society)

Organizer of the symposium “What can psychotherapy learn from animal-assisted therapy” and oral presentation of the talk “the practice of animal assisted psychotherapy”
09.-11.09.2019, University of Bern, Switzerland

15th triannual IAHAIO conference (International Association of Human Animal Interaction Organizations)

Invited speaker for the special session "How to start an HAI program"

12.-14. April 2019, Green Chimneys, Brewster, USA

IAHAIO Symposium (International Association of Human Animal Interaction Organizations)

Invited keynote presentation: Quality standards in animal-assisted interventions

24.-26.10. 2018, Amsterdam, the Netherlands

4th Symposium for severe disorders of consciousness (Symposium "Wachkoma")

Invited presentation: Animal-Assisted therapy for patients with severe disorders of consciousness

13. -14.09.2018, Köln, Germany

ISAZ Conference (International Society for Anthrozoology)

Oral presentation: "Effects of animal-assisted therapy in patients in a minimally conscious state (MCS): a randomised-controlled trial."

03.-06.07.2018, Sydney, Australia

HETI Conference (International Congress of Equine Facilitated Programmes)

Oral presentation: "Horse-assisted trauma therapy: Only those who learn to move the light can conquer the shadow."

25.-29.06.2018, Dublin, Ireland

Conference "Dog and Psychology", Euregio Tierakademie

Invited oral presentation: "Dog-assisted traumatherapy"

17.-18.02.2018, Aachen, Germany

International Conference for therapeutic Riding (Horses4Humans)

Invited oral presentation: "Nur wer das Licht bewegen lernt, kann den Schatten gebieten (horse-assisted therapy therapy)"

27. – 29.10.2017, Singen, Germany

Seminar "horse-assisted trauma therapy", Equi.Motion

Invited Lecturer, 16. – 18.06. 2017, Schongau, Germany

Conference on animal-assisted interventions, Perro Agnieszka, Akademia Edukacyjna Project

Invited oral presentation: "Animal-assisted psychotherapy: effects and mechanisms"

20.05.2017, Warsaw, Poland

"One Health" talk, Health department Basel

Invited oral presentation "Therapy dogs"

04.04.2017, Basel, Switzerland

ISAAT/ESAAT Conference (International & European Society for Animal Assisted Therapy)

Invited oral presentation: "Animal-assisted therapy in rehabilitation"

16.09.2016, Hannover, Germany

IAHAIO world conference (International Association of Human-Animal Interaction Organizations)

Oral presentation: "Effects of animal-assisted therapy on socioemotional behaviour in brain-injured patients"

Session moderator: «Considerations, Potential and Challenges: A Best Practice Dialogue on Farm Animals in Human Animal Interaction Settings», 11. – 13.07.2016, Paris, France

Interdisciplinary Conference «Fokus Cerebralparese»

Invited oral presentation: «Effects and mechanisms of animal-assisted interventions»

02.07.2016, München, Germany

Ani.Motion Conference «animal-assisted psychotherapy»

Invited oral presentation "Animals within Psychotherapy: Practical principles"

9. - 10.10.2015, Sasbachwalden, Germany

ISAZ Conference (International Society for Anthrozoology)

Oral presentation: "Development of attitudes towards animal-assisted therapy in a Swiss rehabilitation clinic"

7. - 9. 07.2015, Saratoga Springs, USA

NIH/Waltham Symposium "Research on Human-Animal Interaction in Education Settings"

Invited oral presentation: "The impact of a dog's presence on children's attention and concentration performance"
26./27.05.2015, Washington DC, USA

13th Congress of the European Forum for Research in Rehabilitation (EFRR)

Oral presentation: "Attitudes towards animal-assisted therapy in a Swiss rehabilitation clinic"
6. - 9.05.2015, Helsinki, Finland

ÖAKTI Conference (Österreichisches Ausbildungs- und Kompetenzzentrum für tiergestützte Interventionen)

Invited oral presentation: "Psychophysiological effects of dogs on children's attention, concentration and learning performance», 11./12.04.2015, Wien, Austria

16th WPA World Congress of Psychiatry

Invited oral presentation: "Animal-assisted therapy: a critical review"
14. – 18.09.2014, Madrid, Spain

ISAZ Conference (International Society for Anthrozoology)

Oral presentation: "Attitudes towards the implementation of animal-assisted therapy in a Swiss rehabilitation clinic", 19.-22.07.2014, Vienna, Austria

Hebrew University Conference «animal-assisted interventions»

Two invited oral presentations regarding animal-assisted interventions
7.01.2014, Tel Aviv, Israel

Conference «animal-assisted therapy and education», Pädagogische Hochschule Freiburg

Invited oral presentation: "Attachment and stress regulation with dogs"
20./21.09.2013, Freiburg, Germany

IAHAIO & AVMA Conference (International Association of Human-Animal Interaction Organizations & American Veterinary Medical Association)

Oral presentation: "Psychophysiological effects of a dog's presence on children's concentration and attention performance as well as learning", 20. – 22.07.2013, Chicago, USA

“One Health” Conference, Medical and Veterinary Society Basel

Invited oral presentation "Psychophysiological effects of dogs on children's attention and concentration performance",
10.11.2011, Basel, Switzerland

3rd international Conference for therapeutic Riding (Horses4Humans)

Invited oral presentation: "Neurobiological and psychological mechanisms of equine-assisted interventions"
16.10.2011, Radolfzell, Germany

Conference «Tiere helfen Menschen e.V.»

Invited oral presentation: "Stress-buffering effects of dogs on children with insecure attachment"
15.10.2011, Würzburg, Germany

IAHAIO Conference (International Association of Human-Animal Interaction Organizations)

Co-author Workshop: "Stress reduction in children in the presence of a real dog, a stuffed toy dog, or a friendly adult",
03.07.2010, Stockholm, Sweden

ISPNE Conference (International Society of Psychoneuroendocrinology)

Poster presentation: "Oxytocin improves social memory in humans", 20.07.2008, Dresden, Germany