

Dr. Taina Conrad

Personal information

Dr. Taina Conrad
Date of birth: 23rd of June 1983
Children: two (2016, 2019)
ORCID: 0000-0002-0115-498X
Bluesky: drtainaconrad.bsky.social, LinkedIn: Dr. Taina Conrad
Email: Taina.Conrad@uni-bayreuth.de

Academic career

- 2025 – present **Humboldt Fellow** at Biološki inštitut Jovana Hadžija and National Institute of Biology, Ljubljana, Slovenia working on “Multimodal communication during courtship in the house cricket *Acheta domestica*” with Prof. Dr. Simona Krajl Fišer as a host
- 2025 – present **“Habilitation”** at the University of Bayreuth on „Multimodal Communication in Invertebrate Behavior“
- 2019 – 2020 3 months of maternity leave after the birth of my second child
- 2018 – 2025 **“Principal Investigator”** at the Department of Evolutionary Animal Ecology – this position was paid for by my own funding from the German Research Foundation (DFG) Title: “The role of vibrational and airborne communication in the evolution of parental care in burying beetles”.
- 2016 – 2018 Maternity leave after the birth of my first child
- 2014 – 2014 **Lecturer** at the University of Ulm
- coordinating the schedules and teaching requirements for bachelor students
 - teaching
 - coordinating and hiring graduate assistants
- 2009 – 2014 **University of Ulm - PhD**
- Title: “The role of male mating signals in female choice and its importance in speciation of the red mason bee *Osmia bicornis* (Megachilidae)”
- Grade: **1.0***
- 2005 – 2016 **Graduate assistant** at the University of Ulm (Experimental Ecology, Neurobiology, Systematic Botany)
- supervision of bachelor theses, teaching bachelor as well as master courses and holding lectures
 - homepage coordination (Typo 3) and Moodle
- 2002 – 2008 **University of Ulm - Biology**
- Grade diploma thesis: **1.0***, Overall grade diploma: **1.3***
- Primary subject: ecology; secondary subjects: genetics, cell biology and computer science

*based on a 1-4 scale with 1 being the highest

Other employment

- 2007 – 2018 **Freelancer** at the zoo in Ulm
- talks and guided tours for children's birthdays as well as adult groups
 - establishing an online portal for time and information management

Additional academic education

- 2019 – present Participation in various courses (18) at the WIN-UBT and ZHL at the University of Bayreuth on leadership, teaching, and team coordination ([see below for details](#))
- 2014 – 2014 Participation in advanced training classes in didactics at the University Duisburg-Essen (**NRW-certificate 2 und 3**; [see below for details](#))
- 2012 – 2012 Participation in advanced training classes in didactics at the University Duisburg-Essen (**NRW-certificate 1**; [see below for details](#))

International research trips & Time spent abroad

- 2025 - 2026 Humboldt Fellow at Biološki inštitut Jovana Hadžija and National Institute of Biology, Ljubljana, Slovenia working on “Multimodal communication during courtship in the house cricket *Acheta domestica*” with Prof. Dr. Simona Krajič Fišer as a host (18 months)
- 2022 Research trip to Nachusa Grasslands Nature Reserve in Illinois, **USA** to collect *Nicrophorus* beetles (1 month)
- 2013 Research on communication in bison at the Tallgrass Prairie Nature Reserve in Oklahoma, **USA** (2 months)
- 2007, 2009 Research assistant at Queen’s University Belfast, **UK** (6 months in total)
- 2005 Research assistant at the School of Medicine Department of Gastroenterology and Endoscopy in Fremantle, **Australia** (6 months)
- 1999-2000 Exchange student at Shaker Heights High School, Cleveland, **USA**

Third party funding, Grants, Fellowships and Awards

- 2025 Humboldt Feodor Lynen Research Fellowship for an 18 month stay in Slovenia
- 2023 Budget for innovative equal opportunities
- 2023 – 2024 CoMento program – Coaching and Mentoring for Women in Science University of Bayreuth, Germany
- 2022 WIN-UBT Conference Grants
- 2019 – 2022 Equal Opportunities Fund (for Women in Academia)
- 2019 – 2024 DFG Research Project: “The role of vibrational and airborne communication in the evolution of parental care in burying beetles”
- 2014 ISBE Travel grant for the ISBE-conference in New York, USA.
- 2013 Stipend from the Society for Experimental Biology for the ISV-conference in Glasgow, UK
- 2013 Polytec Young Researcher Award for the talk “He’s giving me good vibrations – The role of vibrations in mason bees”.
- 2012 ISBE Travel grant for the ISBE-conference in Lund, Sweden.
- 2012 Price “best poster” at the Hymenoptera-conference in Stuttgart, Germany. Title: “He’s giving me good vibrations”
- 2009 – 2012 PhD scholarship from the German federal environmental foundation (DBU)

- 2007 DAAD-stipend as part of a thesis (Queen's University, Belfast)
2005 DAAD-stipend for a practical (School of Medicine Fremantle, Australia)

Academic Service

Committee work

- Biotremology society – Representative of Communication and Social media since 2025
- Committee to establish an International Society of Biotremology – 2024-2025 (statues submitted – waiting for official recognition)
- Section speaker for the section Evolutionary biology of the German zoological society (DZG) – since 2023
- Steering committee for the Bayreuth Centre for Environmental and Ecological research (BayCEER) – 2021-2025
- Committee to assign a new professor for Plant Systematics at the University of Bayreuth – 2022-2023

Membership in academic societies

- International Society of Behavioral Ecology (ISBE)
- Deutsche Gesellschaft für allgemeine und angewandte Entomologie (DGaE)
- Deutsche Zoologische Gesellschaft (DZG)
- American Animal Behavior Society (ABS)

Conference organization

- 2025 Organization of a satellite symposium as part of the German zoological society (DZG) conference in Berlin entitled “Urban Wildlife”
- 2025 Organization of the Graduate Meeting of the Evolutionary Biology section of the German zoological society (DZG) as part of the Münster Evolution Meeting (MEM)
- 2024 Organization of the Graduate Meeting of the Evolutionary Biology section of the German zoological society (DZG)
- 2022 - present Organization of a seminar for students and young researchers: “Community mechanisms to deal with workplace issues as a young researcher”
https://www.bayceer.uni-bayreuth.de/issuesin_academia_2023/?lang=en
- 2012 – 2012 Organization of the invertebrate-seminars of the German Federal
2011 - 2011 Environmental Foundation (DBU) in Göttingen and Ulm

Reviewer

Functional Ecology - Behavioral Ecology and Sociobiology - Apidologie - European Journal of Entomology - Biological Journal of the Linnean Society – Chemoecology- Insect Sociaux – Journal of thermal biology

Research

Publications

1. **Conrad T**, Roberts L, Steiger S, Ringlein, M (2024) Vibrations from the crypt: investigating the possibility of vibrational communication in burying beetles **Entomologia Experimentalis et Applicata**, <https://doi.org/10.1111/eea.13519>

2. **Conrad T**, Mair MM, Müller J, Richter P, Schödel S, Wezstein AK, Steiger S (2024) The impact of acoustic signalling on offspring performance varies among three biparentally caring species. **Animal Behaviour**, <https://doi.org/10.1016/j.anbehav.2024.08.014>
3. Lang SR, **Conrad T**, Steiger S, Stöckl J (2024) Analysing the information content of the multimodal courtship display of a parasitoid wasp. **Biological Journal of the Linnean Society**, <https://doi.org/10.1093/biolinnean/blae069>
4. Sahm J, Brobeil B, Grubmüller E, Schott M, Stöckl J, **Conrad T**, Steiger S (2024) The scent of offspring: larval chemical profiles change during development and affect care behavior. **Behavioral Ecology**, <https://doi.org/10.1093/beheco/arae061>
5. Sahm J, **Conrad T**, Scheu L, Steiger S (2023) Brood size, food availability, and body size affects male care decisions and offspring performance **Ecology and Evolution**, <https://doi.org/10.1002/ece3.10183>
6. Keppner EM, Laubenthal M, Prang MA, **Conrad T**, Steiger S (2022) Harsh nutritional environment has positive and negative consequences for family living in a burying beetle. **Ecology and Evolution**, <https://doi.org/10.1002/ece3.9699>
7. Boff S, **Conrad T**, Raizer J, Wehrhahn M, Bayer M, Friedel A, Theodorou P, Schmitt T, Lupi D (2022) Low toxicity crop fungicide (fenbuconazole) impacts reproductive male quality signals leading to a reduction of mating success in a wild solitary bee. **Journal of Applied Ecology**, <https://doi.org/10.1111/1365-2664.14169>
8. **Conrad T** (2022) Sexual Selection in the Red Mason Bee: Vibrations, Population Divergence, and the Impact of Temperature. In *Biotremology: Physiology, Ecology and Evolution* p 221-236 https://doi.org/10.1007/978-3-030-97419-0_9
9. **Conrad T**, Ayasse M (2019). The differences in the vibrational signals between male *O. bicornis* from three countries in Europe. **Journal of Low Frequency Noise, Vibration and Active Control**, 38(2), 871-878. <https://doi.org/10.1177/1461348418816263>
10. **Conrad T**, Paxton RJ, Assum G, Ayasse M (2018) Divergence in male sexual odor signal and genetics across populations of the red mason bee, *Osmia bicornis*, in Europe. **PLoS ONE** 13(2): e0193153. <https://doi.org/10.1371/journal.pone.0193153>
11. **Conrad T**, Stöcker C, Ayasse M (2017) The effect of temperature on male mating signals and female choice in the red mason bee, *Osmia bicornis* (L.). **Ecology and Evolution** 7(21):8966-8975 <https://doi.org/10.1002/ece3.3331>
12. **Conrad T**, Vidkjær, Nanna Hjort, Ayasse M (2017) The origin of the compounds found on males' antennae of the red mason bee, *Osmia bicornis* (L.). **Chemoecology** 27: 207.

<https://doi.org/10.1007/s00049-017-0245-1>

13. **Conrad T**, Ayasse M (2015) The Role of Vibrations in Population Divergence in the Red Mason Bee, *Osmia bicornis*: **Current Biology** 25(21):2819–2822.
<https://doi.org/10.1016/j.cub.2015.08.059>
14. **Conrad T** (2014) The role of male mating signals in female choice and its importance in speciation of the red mason bee, *Osmia bicornis* (L.) (Megachilidae) Universität Ulm, Ulm
15. **Conrad T**, Paxton RJ, Barth FG, Francke W, Ayasse M (2010) Female choice in the red mason bee, *Osmia rufa* (L.) (Megachilidae). **Journal of Experimental Biology** 213: 4065-4073 <https://doi.org/10.1242/jeb.038174>

Invited non-peer-reviewed:

16. 2016 Vibrationen machen sexy: Laservibrometer in der Insektenforschung, Sensormagazin Hightech Publications KG
17. 2016 Ladies' choice: The role of vibrations in finding a mating partner in bees, InFocus Polytec

Invited Speaker (10 talks)

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| 2024 | Talk at the Zoology Seminar at Hamburg University. Hamburg, Germany. Taina Conrad: Family chatter - Communication in burying beetles |
| 2024 | Talk at the Animal Behavior Seminar at Bielefeld University. Taina Conrad: Good vibrations: From bee to beetle and in between |
| 2023 | Talk at the New research in veterinary medicine seminar at the University of Veterinary Medicine Hannover. Taina Conrad: He's giving me good vibrations: From bee to beetle and in between |
| 2023 | Talk at the EcoMar Seminar at Liverpool University, UK. Taina Conrad: He's giving me good vibrations: From bee to beetle and in between |
| 2022 | Talk at the ESA-conference. Vancouver, Kanada. Taina Conrad: Vibrational and chemical communication in <i>Osmia</i> and how these are impacted by rising temperatures (<i>Osmia</i> symposia) |
| 2016 | Talk at the Ernst Moritz Arndt Universität Greifswald. Taina Conrad: He's giving me good vibrations: of the interesting mating behavior in mason bees |
| 2015 | Talk at the Justus-Liebig-Universität Gießen. Taina Conrad: Sexual selection in the red mason bee: vibrating, smelling bees and the impact of temperature |
| 2011 | Talk at the Martin-Luther-Universität Halle. Taina Conrad, Robert Paxton, Wittko Francke und Manfred Ayasse: Isolation mechanisms in mason bees. |
| 2011 | Talk at the Hymenoptera-conference. Bern, Schweiz. Taina Conrad: Paarungsbiologie und Partnerwahl bei Mauerbienen. |
| 2009 | Talk at the Universität Wien, Österreich. Taina Conrad, Robert Paxton, Friedrich G. Barth, Wittko Francke und Manfred Ayasse: Welche Kriterien nutzen Weibchen der roten Mauerbiene, <i>Osmia rufa</i> (L.) (Megachilidae) bei der Partnerwahl und welche Bedeutung haben sie möglicherweise als Isolationsmechanismen? |

Conference contributions (26 talks, 8 posters, 1 workshop)

- 2025 **Poster at the DZG conference.** Berlin, Germany. Emily Zenger, Magdalena M Mair, Taina Conrad: Toxic vibes – the effects of imidacloprid on the stridulation activity of *Nicrophorus vespilloides*
- 2025 **Poster at the DZG conference.** Berlin, Germany. Annika Winter, Magdalena M Mair, Taina Conrad: Watch me move: Sublethal effects of Imidacloprid on reproduction and behavior of *Nicrophorus vespilloides*
- 2024 **Poster at the BayCEER Jubilee Workshop** Bayreuth, Germany. Markus Conrad, Taina Conrad: Kinship: Minimize inbreeding and evaluate animal populations
- 2024 **Poster at the BayCEER Jubilee Workshop** Bayreuth, Germany. Olga Müller, Taina Conrad: Stridulation auf dem Prüfstand: Wie sich *Nicrophorus*-Larven orientieren (Poster-prize)
- 2024 **Talk at the VIBRA Festival.** Online. Taina Conrad: Vibrational communication in bees and beetles
- 2024 **Talk at the ABS conference.** London, Canada. Taina Conrad: Talking to the kids – parent-offspring communication in the burying beetle *Nicrophorus vespilloides*
- 2024 **Poster at the Biotremology conference.** Toronto, Canada. Taina Conrad: VIBRA Research network
- 2024 **Talk at the Biotremology conference.** Toronto, Canada. Taina Conrad: Talking to the kids – parent-offspring communication in the burying beetle *Nicrophorus vespilloides*
- 2023 **Talk at the DZG conference.** Kassel, Germany Taina Conrad, Imane Akassou, Liliane-Barbara Poloczek, Sandra Steiger: Talking to the kids - parental signalling in the burying beetle *Nicrophorus vespilloides*
- 2023 **Talk at the Behaviour conference. Bielefeld, Germany.** Taina Conrad: Effects of silenced parents on larvae fitness in biparentally caring beetles
- 2023 **Talk at the ISV conference.** Lincoln, UK. Imane Akassou, Sandra Steiger and Taina Conrad: The important role of parental acoustic signaling during brood care in the burying beetle *Nicrophorus vespilloides*
- 2022 **Talk at the Biotremology conference.** Piran, Slovenia. Taina Conrad: The important role of parental vibrational signaling during brood care in the burying beetle *Nicrophorus vespilloides*
- 2022 **Talk at the ISBE-conference.** Stockholm, Sweden. Taina Conrad: The important role of parental acoustic signaling during brood care in the burying beetle *Nicrophorus vespilloides*
- 2018 **Talk at the BayCEER.** Bayreuth, Germany. Taina Conrad: He's giving me good vibrations: of the interesting mating behavior in mason bees
- 2018 **Workshop at the Biotremology conference.** Riva del garda, Italy. Roland Mühlethaler, Taina Conrad: Recording techniques and sound analysis
- 2018 **Talk at the Biotremology conference.** Riva del garda, Italy. Taina Conrad: The differences in the vibrational signals between male mason bees in Europe
- 2018 **Talk at the Graduate Meeting of the DZG.** Hannover, Germany. Taina Conrad: He's giving me Good Vibrations – The Role of Vibrations in Population Divergence of the Red Mason Bee *Osmia bicornis*

- 2016 **Talk at the Biotremology conference.** San Michele all'Adige, Italy. Taina Conrad: He's giving me Good Vibrations – The Role of Vibrations in Population Divergence of the Red Mason Bee *Osmia bicornis*
- 2016 **Talk at the Graduate Meeting of the DZG.** Greifswald, Germany. Taina Conrad and Manfred Ayasse: The effect of temperature on the vibrational and chemical signals of males of the red mason bee, *Osmia bicornis* (L.).
- 2015 **Talk at the DZG conference.** Graz, Austria. Taina Conrad and Manfred Ayasse: The effect of temperature on the vibrational and chemical signals of males of the red mason bee, *Osmia bicornis* (L.)
- 2015 **Talk at the DGaE conference.** Frankfurt, Germany. Taina Conrad and Manfred Ayasse: The effect of temperature on the vibrational and chemical signals of males of the red mason bee, *Osmia bicornis* (L.).
- 2014 **Talk at the ISBE conference.** New York, USA. Taina Conrad and Manfred Ayasse: He's giving me good vibrations – The role of vibrations in population divergence of the red mason bee *Osmia bicornis*.
- 2013 **Talk at the ISV conference.** Glasgow, UK. Taina Conrad, Robert Paxton and Manfred Ayasse: New insights into vibrational communication in mason bees.
- 2013 **Talk at the DGaE conference.** Göttingen, Germany. Taina Conrad, Robert Paxton and Manfred Ayasse: He's giving me good vibrations: Vibrational communication in mason bees. **(Polytec Young Researcher Award)**
- 2013 **Talk at the invertebrate seminar of the German Federal Environmental Foundation (DBU).** Berlin, Germany. Taina Conrad: Populationsdivergenz aufgrund chemischer und vibratorischer Signale in Mauerbienen.
- 2012 **Poster at Frontiers in Chemical Ecology.** Max-Planck Institute in Jena, Germany. Taina Conrad, Robert Paxton and Manfred Ayasse: Population divergence through female choice in mason bees.
- 2012 **Poster at the Hymenoptera conference** Stuttgart, Germany. Taina Conrad, Robert Paxton and Manfred Ayasse: He's giving me good vibrations. **(poster-prize)**
- 2012 **Talk at the DZG conference.** Konstanz, Germany. Taina Conrad, Robert Paxton and Manfred Ayasse: He's giving me good vibrations! The role of vibrational communication in mason bees.
- 2012 **Poster at the ISBE conference.** Lund, Sweden. Taina Conrad, Robert Paxton and Manfred Ayasse: He's giving me good vibrations.
- 2012 **Talk at the Chemical ecology meeting.** Regensburg, Germany. Taina Conrad: Isolationsmechanismen bei Mauerbienen.
- 2011 **Talk at the invertebrate seminar of the German Federal Environmental Foundation (DBU).** Ulm, Germany. Taina Conrad: Isolationsmechanismen bei Mauerbienen.
- 2011 **Poster at the DGaE conference.** Berlin, Germany. Taina Conrad, Robert Paxton, Friedrich G. Barth and Manfred Ayasse: Vibrational communication in mason bees.
- 2011 **Talk at the invertebrate seminar of the German Federal Environmental Foundation (DBU).** Göttingen, Germany. Taina Conrad: Isolationsmechanismen bei Mauerbienen.
- 2010 **Talk at the Hymenoptera conference.** Stuttgart, Germany. Taina Conrad, Robert Paxton, Wittko Francke and Manfred Ayasse: Isolationsmechanismen bei Mauerbienen.
- 2009 **Talk at the chemical ecology meeting.** Freiburg, Germany. Taina Conrad, Robert Paxton, Friedrich G. Barth, Wittko Francke and Manfred Ayasse: Welche Kriterien
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nutzen Weibchen der roten Mauerbiene, *Osmia rufa* (L.) (Megachilidae) bei der Partnerwahl?

2009 **Talk at the DGaE conference.** Göttingen, Germany. Taina Conrad, Robert Paxton, Friedrich G. Barth, Wittko Francke and Manfred Ayasse: Female choice in the red mason bee *Osmia rufa* (L.) (Megachilidae).

2008 **Poster at the Hymenoptera conference.** Stuttgart, Germany. Taina Conrad, Robert Paxton, Friedrich G. Barth, Wittko Francke and Manfred Ayasse: Welche Kriterien nutzen Weibchen der roten Mauerbiene, *Osmia rufa* (L.) (Megachilidae) bei der Partnerwahl

Teaching:

Supervision experience

Supervision master theses (5):

- 2024 Levin Weißpfennig – Morphological differences in stridulatory organs of various species of burying beetles and how these relate to sound production
- 2024 Catarina Ruggetti – Comparison of stridulatory signaling of multiple species of burying beetle and their role in mitigating behavior
- 2023 Liliane-Barbara Poloczec - Complex acoustical communication during biparental brood care of *Nicrophorus vespilloides* and *Nicrophorus humator*
- 2022 Theresa Hübner - The influence of population origin and temperature on the chemical and vibrational mating systems in the red mason bee *Osmia bicornis*
- 2022 Ann-Kathrin Wezstein - Silent Parenthood – How does the lack of acoustic communication during mating and brood care influence reproductive success in burying beetles (genus *Nicrophorus*)

Reviewer master theses (6)

Supervision Bachelor theses (34)

Supervision Research module (1)

Teaching experience

University of Bayreuth – post doc:

Semester	Course Number	Course Title	Course Type	SWS	Students
SS 2025	LV822241	Evolutionary and Behavioral Ecology (1 lecture)	Lecture	2	Bachelor/Master
SS 2025	LV120101	Zoology 2 (2 lectures)	Lecture	2	Bachelor
WS 2024/25	LV200158	Chemical Ecology	Seminar	2	Master
WS 2024/25	LV300185	Chemical Ecology	Practical	6	Master
SS 2024	LV120101	Zoology 2 (2 lectures)	Lecture	2	Bachelor
SS 2024	LV822241	Evolutionary and Behavioral Ecology (2 lectures)	Lecture	2	Bachelor/Master

SS 2024	LV922242	Evolutionary and Behavioral Ecology	Practical	5	Bachelor/Master
SS 2024	LV1022243	Evolutionary and Behavioral Ecology	Seminar	2	Bachelor/Master
WS 2023/24	LV200158	Chemical Ecology	Seminar	2	Master
WS 2023/24	LV300185	Chemical Ecology	Practical	6	Master
SS 2023	LV120101	Zoology 2 (2 lectures)	Lecture	2	Bachelor
SS 2023	LV822241	Evolutionary and Behavioral Ecology (2 lectures)	Lecture	2	Bachelor/Master
SS 2023	LV922242	Evolutionary and Behavioral Ecology	Practical	5	Bachelor/Master
SS 2023	LV1022243	Evolutionary and Behavioral Ecology	Seminar	2	Bachelor/Master
WS 2022/23	LV200158	Chemical Ecology	Seminar	2	Master
WS 2022/23	LV300185	Chemical Ecology	Practical	6	Master
SS 2022	LV822241	Evolutionary and Behavioral Ecology (2 lectures)	Lecture	2	Bachelor/Master
SS 2022	LV922242	Evolutionary and Behavioral Ecology	Practical	5	Bachelor/Master
SS 2022	LV1022243	Evolutionary and Behavioral Ecology	Seminar	2	Bachelor/Master
SS 2021	LV120101	Zoology 2 (2 lectures)	Lecture	2	Bachelor
WS 2020/21	LV522401	Morphology Anatomy and Cytology of Animals (course Insecta)	Practical	3	Bachelor
WS 2020/21	LV200158	Chemical Ecology	Seminar	2	Master
WS 2020/21	LV300185	Chemical Ecology	Practical	6	Master
SS 2020	LV120101	Zoology 2 (2 lectures)	Lecture	2	Bachelor
SS 2019	LV120101	Zoology 2 (2 lectures)	Lecture	2	Bachelor
WS 2018/19	LV522401	Morphology Anatomy and Cytology of Animals (course Annelida and Insecta)	Practical	3	Bachelor
WS 2018/19	LV200158	Chemical Ecology	Seminar	2	Master
WS 2018/19	LV300185	Chemical Ecology	Practical	6	Master

University of Ulm – lecturer:

Semester	Course Number	Course Title	Course Type	SWS	Students
SS 2017		Course on Solitary Bees (1 Lecture)	Lecture	2	Master
WS 2014/15	BIO.0034.001	Chemical Ecology	Seminar	2	Master
WS 2014/15	BIO.0034.002	Chemical Ecology	Practical	6	Master

SS 2015	BIO.0017.002	Methods of Biodiversity Research (1 date)	Lecture and Practical	3	Bachelor
SS 2014	BIO.0026.002	EcoHealth	Practical	6	Master
SS 2014	BIO 6335	EcoHealth	Seminar	2	Master
SS 2014	BIO.0003.003	Practical Ecology: Infection Patterns	Lecture and Practical	2	Bachelor
SS 2014	BIO.0017.002	Methods of Biodiversity Research (1 date)	Lecture and Practical	3	Bachelor
SS 2014	BIO.0003.003	Ornithological and Zoological Excursions	Practical	1	Bachelor
SS 2014	BIO.0002.005	Practical Ecology	Practical	2	Bachelor
SS 2014	BIO.0002.002	Zoological Systematics Practical	Practical	3	Bachelor

University of Ulm – during my PhD:

Semester	Course Number	Course Title	Course Type	SWS	Students
WS 2013/14	BIO.0034.001	Chemical Ecology	Seminar	2	Master
WS 2013/14	BIO.0034.002	Chemical Ecology	Practical	6	Master
SS 2013	BIO.0017.002	Methods of Biodiversity Research (1 date)	Lecture and Practical	3	Bachelor
WS 2012/13	BIO.0001.004	Zoological Anatomy Practical	Practical	4	Bachelor
WS 2012/13	BIO.0034.001	Chemical Ecology	Seminar	2	Master
WS 2012/13	BIO.0034.002	Chemical Ecology	Practical	6	Master
SS 2012	BIO.0002.002	Zoological Systematics Practical	Practical	3	Bachelor
SS 2012	BIO.0017.002	Methods of Biodiversity Research (1 date)	Lecture and Practical	3	Bachelor
SS 2012	BIO.0026.002	Animal-Plant/Animal-Animal Interactions	Practical	6	Master
SS 2012	BIO 6335	Animal-Plant/Animal-Animal Interactions	Seminar	2	Master
WS 2011/12	BIO.0001.004	Zoological Anatomy Practical	Practical	4	Bachelor
SS 2011	BIO.0002.002	Zoological Systematics Practical	Practical	3	Bachelor
SS 2011	BIO.0017.002	Methods of Biodiversity Research (1 date)	Lecture and Practical	3	Bachelor
SS 2011	BIO.0026.002	Animal-Plant/Animal-Animal Interactions	Practical	6	Master
SS 2011	BIO 6335	Animal-Plant/Animal-Animal Interactions	Seminar	2	Master

WS 2010/11	BIO.0001.004	Zoological Anatomy Practical	Practical	4	Bachelor
WS 2010/11	BIO.0034.001	Chemical Ecology	Seminar	2	Master
WS 2010/11	BIO.0034.002	Chemical Ecology	Practical	6	Master
SS 2010	BIO.0002.002	Zoological Systematics Practical	Practical	3	Bachelor
SS 2010	BIO.0026.002	Animal-Plant/Animal-Animal Interactions	Practical	6	Master
SS 2010	BIO 6335	Animal-Plant/Animal-Animal Interactions	Seminar	2	Master
WS 2009/10	BIO.0001.004	Zoological Anatomy Practical	Practical	4	Bachelor
WS 2009/10	BIO.0026.002	Animal-Plant/Animal-Animal Interactions	Practical	6	Master
WS 2009/10	BIO 6335	Animal-Plant/Animal-Animal Interactions	Seminar	2	Master
WS 2008/09	BIO.0001.004	Zoological Anatomy Practical	Practical	4	Bachelor

Advanced training in teaching

NRW teaching certificate	Lecturer	Date
Module 3: Advanced Module "Teaching Projects and Teaching Portfolio"		13.1.2015
Teaching Project: Design, Implementation, and Evaluation of a Teaching Project with Collegial and Professional Support – "Practical in the Module Animal-Plant / Animal-Animal Interaction"		
Module 2: Extension Module "Interaction Patterns in Teaching and Learning Processes"		
Competency-Based Teaching and Assessment in the Natural and Engineering Sciences	Dr. Christian K. Karl	28.3.2014
Scenario Techniques: Future Workshop	Dr. Ingeborg Stahr	27.3.2014
Handling Challenges in Teaching	Dr. Hendrik den Ouden	20.3.2014
Module 1: Basic Module "Teaching and Learning in Higher Education"		
Problem-Based Learning	Prof. Dr. Andreas Slemeyer	18.9.2012
Project management	Armin Vohr	19.9.2012
Moderation with Metaplan®	Fritz Heinecke	20.9.2012
Practical Module "Studies and Teaching" in the Basic Module	Dr. Nicole Auferkorte-Michaelis	

Additional courses on teaching:

Course name	Lecturer	Date
Designing Engaging Lectures	Prof. Dr. Ingo Striepling	24. & 31.1.2025
Gamification in Higher Education Teaching	Dr. Thorsten Aichele	5. & 12.12.2024
Simulator for Oral Exams: AI-Powered Avatars Provide a Safe Exam Environment	Paul Dölle	04.11.2024

Create educational videos efficiently and attractively with your smartphone	Dr. Wiebke Fiedler	24.4.2024
Input and Idea Workshop: Progress Tracking and Badges in E-Learning	Christoph Koch	03.5.2023
Flipped Classroom - Making Students' Self-Study Time Goal-Oriented and Effective	Paul Dölle	20.6.2020
QZP: Supervising Doctoral Students Effectively	Dr. Nadine Chmura, Dr. Kai Sicks	31.1.2020
Diversity in Teaching: Embracing Variety as an Opportunity for Innovative Teaching Concepts	Dr. Susanne Frölich-Steffen	15.1.2019
Didactics and Gender	Dr. Lisa Mense, Eva Wegrzyn	26.3.2014

Advanced training in career building and soft skills

Soft skills:		
Course name	Lecturer	Date
Science Communication! Wisskomm Autumn School for Early Career Researchers and Communication Professionals	Experts from science PR, journalism, and cross-institutional communication	23.-27.9.2024
Weaving the Future of Animal Behavior! – Pop Circles: getting your group going	Dr. Karan Odom	12.7.2024
Weaving the Future of Animal Behavior! – Communicating and Collaborating	Dr. Gail Patricelli, Dr. Karan Odom, Dr. Michele Johnson	25.6.2024
Weaving the Future of Animal Behavior! – Making connections	Dr. Gail Patricelli	17.6.2024
Financially independent and self-determined: Strengthen your career and financial biography	Dr. Birgit Happel	12.12.2023
Postdoc options at UBT and abroad	Dr. Ursula Higgins, Dr. Mirjam Horn-Schott and Dr. Immanuel Zitzmann	14.10.2022
Time Management as Life Management: Actively Shaping Your Time and Bringing Projects to Completion	Jana Bialluch, Dr. Jessica Haß, Dipl.-Ing. Iris Hetz	11. & 12.2.2022
Confidently Dealing with Sexism and Sexual Harassment	Dr. Lisa K. Horvath	22.6.2022
Visualizing Complex and Abstract Concepts	Dr. Michael Gordian	5.5.2022
Individual coaching in times of Corona – How do I reach my goals during lockdowns	Kathrin Glaser Bunz	Nov 2021
Goodbye Stress – Welcome Serenity	Kathrin Glaser Bunz	26.1.2021

CoMento program (UBT)		
Course name	Lecturer	Date
Career crafting	Dr. Silke Oehrlein-Karpi	4. & 5.6.2024
Individual career coaching	Dr. Lisa K. Horvath	2023-2024
Collegial case consultation	colleagues from the program	since 2023
Life balance and self-organization	Dr. Elena Köstner	8.12.2023

New to Leadership? Learn to lead yourself and others	Dr. Sabine Blackmore	SS 2023
How to be convincing and confident in performing III – Ways to overcome stage fright	Nina Severin	27.6.2023
How to be convincing and confident in performing II – With a positive mindset	Nina Severin	23.6.2023
How to be convincing and confident in performing I – Fit for stage – basic workshop	Nina Severin	5.5.2023
Ad hoc analysis and know-how for academic career planning	Dr. Meike Lauggas	28.3.2023

Science Communication, Environmental Education and Outreach

2025	Part of the “Open Day” at the National Institute of Biology, Ljubljana, Slovenia
2025	Part of a documentary on “Animal communication” by the BR television featuring the results of our paper “The impact of acoustic signalling on offspring performance varies among three biparentally caring species” (release date 27. September 2025 https://www.ardmediathek.de/sendung/gut-zu-wissen/Y3JpZDovL2JyLmRIL2Jyb2FkY2FzdFNlcmllcy85MDBkMTVmMC03ZWEzLTQ2OWYtYWVzNC0zNGRkMmVjZDk4ODg)
2023	Talk at the Casper-Vischer Gymnasium, Kulmbach: Communication in Animals
2021 – present	Member of the Online-Platform CyberMentor as a mentor for female students interested in MINT (math, informatics, natural sciences and technologies)
2015	Multiple interviews on the radio (Radio 7, Donau 3 FM) and via Zoom for AP for our paper “The Role of Vibrations in Population Divergence in the Red Mason Bee, <i>Osmia bicornis</i> ”
2012 – 2018	Organizing the BUND-children’s group in Ulm (friends of the earth)
2007 - 2018	Self-employed work in environmental education (diverse workshops for schools, summer camps and children’s groups)
2009 – 2018	Work at the „Zentrum für allgemeine wissenschaftliche Weiterbildung“ (ZAWIW) Planning and holding workshops and lectures as part of their 3-generation-University and the project “Zoom into Science“
2012 - 2012	Organizing various workshops as part of the event “University Days”
2013 - 2013	“Ökosozialen Marktwirtschaft“ on topics of “Saving the environment and building our future”, “Media and their influence on our ecological thinking”, and “Visions of our future – How sustainable are we?” (hochschultage.org)
2014 - 2014	
2010 - 2012	Work at the botanical garden in Ulm Workshops as part of a children’s summer program, Talk on “Communication in bees” and guided tours for children and adults
2006 – 2018	Founding member of the BUND-Hochschulgruppe environmental group (Bund für Umwelt und Naturschutz Deutschland – Friends of the Earth Germany); spokesperson as well as homepage, email, mail and cash box administration
2012 – 2012	Planning, implementation, and subsequent analysis of the survey data for the garbage collection service agency in Ulm, subsequent presentation at the municipal council of Ulm
2010 - 2011	
2009 - 2011	Member of the board of directives of the “Friends of the Earth” of Ulm