

# Dr. phil. Fabian Hundertmark

## Curriculum Vitae

### ***Areas of Specialization***

philosophy of biology, metaphysics, philosophy of mind, philosophy of psychiatry

### ***Focal Topics of Research***

biological functions (especially naturalistic theories and their role in philosophy of mind and philosophy of medicine), modal properties (especially the nature of dispositions and abilities and their role in the life sciences), mental disorders (especially their ontology and their relation to physical illness, mental health, brain disorders)

### ***Areas of Competence***

epistemology, philosophy of language, philosophy of science, metaethics, philosophy of religion

<b>A. ACADEMIC CAREER</b>	<b>2</b>
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## A. Academic Career

### *Professional career*

Frankfurt School of Finance and Management, Computational Science & Philosophy Department <b>Adjunct lecturer</b>	02.23 – present
Bielefeld University, Department of Philosophy <b>Research Assistant</b> in the project "Complex Biological Dispositions: A Case Study in the Metaphysics of Biological Practice" (PI: Prof. Marie Kaiser) as part of the research group "Inductive Metaphysics".	09.20 – 09.2024
Bielefeld University, Department of Philosophy <b>Research Assistant</b> in the research group of Prof. Marie Kaiser (philosophy of science)	01.19 – 08.20
Bielefeld University, Department of Philosophy <b>Research Assistant</b> in the project "Advancing Teleosemantics" (PIs: Prof. Christian Nimtz and Dr. Peter Schulte)	10.15 – 12.18
Bielefeld University, Department of Philosophy <b>Research and Teaching Assistant</b>	10.09 – 09.15

### *Academic Visits*

Centre for Advanced Studies in the Humanities "Human Abilities" (Berlin) ( <a href="https://www.human-abilities.de/fellows/associates/hundertmark_fabian.html">https://www.human-abilities.de/fellows/associates/hundertmark_fabian.html</a> )	1 week in July 2023 2 weeks in August 2022
Duke University in Durham (NC), Department of Philosophy Host: Prof. Karen Neander	01.19 – 03.19

## **Education**

Bielefeld University	01.13 – 12.18
<b>PhD in Philosophy</b>	summa cum laude
Dissertation: “Mind and Functions – Teleosemantics Beyond Selected Effects” (supervised by: Prof. Christian Nimtz, Dr. Peter Schulte)	
Bielefeld University	05.09 – 12.12
<b>Master in Philosophy</b>	1,0 (equivalent to A)
completed with a thesis on the extended mind thesis and mental content (referees: Dr. Peter Schulte, Prof. Ansgar Beckermann).	
Bielefeld University	04.05 – 05.09
<b>Bachelor in Philosophy and Texttechnology</b>	1,5 (equivalent to A-)
Completed with a thesis on the extended mind thesis and functionalism (referees: Dr. Holger Lyre, Dr. Peter Schulte)	

## **Carreer breaks**

Parental leave	04.17 – 06.17
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## B. Publications and Presentations

### Collected Volumes

(under contract) *Psychiatric Disorders: Advances in Ability-Based Approaches* (with Garson Leder, Sanja Dembić, Tadeusz Zawidzki and Fabrice Jotterand), Springer

### Articles in peer-reviewed journals

- (2024) „What are Causal Bases of Dispositions?“ with María Ferreira Ruiz. *Australasian Journal of Philosophy*. <https://doi.org/10.1080/00048402.2024.2408689>
- (2024) „Biological Functions and Dysfunctions: A Selected Dispositions Approach“ with Marlene van den Bos. *Biology & Philosophy* 39 (2): 1-20. <https://doi.org/10.1007/s10539-024-09944-2>
- (2024) “The Dilemma of Ahistorical Teleosemantics”. *Philosophy of Science* 91 (1): 58-71. <https://doi.org/10.1017/psa.2023.98>.
- (2024) “Partial realization and biological normality: Jefferson’s account of brain dysfunction reinterpreted”. *Philosophical Psychology* 37 (3): 596-605. <https://doi.org/10.1080/09515089.2023.2217210>
- (2023) “The precision of content characterizations”. *Philosophical Psychology* 36 (3): 678-694. <https://doi.org/10.1080/09515089.2022.2089103>
- (2021) “Making a difference in virtue epistemology” with Steven Kindley. *Synthese* 199: 11213–11229. <https://doi.org/10.1007/s11229-021-03286-2>
- (2019) “Explaining how to perceive the new: causal-informational teleosemantics and productive response functions”. *Synthese* 198: 5335–5350. <https://doi.org/10.1007/s11229-019-02406-3>
- (2019) “Teleosemantik weitergedacht. Über Grundlagen, Probleme, neue Entwicklungen” with Peter Schulte. *Information Philosophie* 47 (3): 18-31. <https://www.information-philosophie.de/?a=1&t=8819&n=2&y=4&c=140>

### Papers under review

- “What Health Is: The Blueprint View” under review at *Journal of Medicine and Philosophy*.
- “Swampman Goes to the Doctor” with James Turner. Under review at *Synthese*.
- “Moving Past Ahistorical Theories of Malfunction” mit James Turner. Under review at *Australasian Journal of Philosophy*.
- “Biological Dispositions, Causal Efficacy and the Distinctness Thesis” with María Ferreira Ruiz, Marie I. Kaiser, Javier Suarez. Under review at *Mind*.

### Articles in edited volumes

- (forthcoming) “Causal Bases of Potentialities in the Life Sciences: Extrinsicity, Multi-levelness, and Processuality” with María Ferreira, Marie I. Kaiser, Javier Suarez, in *Inductive Metaphysics*, ed. Andreas Hüttemann and Gerhard Schurz. Routledge.
- (forthcoming) “The Modal Theory of Function” in *The Philosophy of Biological Functions*, ed. Zdenka Brzović, Justin Garson and Predrag Šustar. Routledge.

(forthcoming) “Selektion und Disposition – Über die Existenz und Natur biologischer Funktionen und Dysfunktionen“ in *Wissenschaft und Metaphysik*, ed. Michael te Vrugt. Nomos

(2016) “Mentale Gehalte und erweiterter Geist: Warum das Argument der Nichtabgeleitetheit scheitert” in *Ist der Geist im Kopf?: Beiträge zur These des erweiterten Geistes*, ed. Jan G. Michel, Kim J. Boström, and Michael Pohl, 133-160. Münster: mentis.

## **Lexicon entries**

(2017) “Fehlrepresentation“, *Wörterbücher zur Sprach- und Kommunikationswissenschaft* (Online), ed. Christoph Demmerling, Pirmin Stekeler-Weithofer et al., Berlin: De Gruyter. <https://brill.com/edcollbook/title/49712>

## **Translations**

(2019) Herman Philipse „Das Problem des Religiösen Pluralismus“ together with Hannah Altehenger. In: *Glaube und Rationalität: Gibt es gute Gründe für den (A)theismus?*, editors Peter Schulte and Romy Jaster. Mentis.

## **Blog posts**

(2024) “Selection is Inescapable Part 1: Do We Need to Rethink Biological Functions?” with Jakob Roloff, and Francesca Bellazzi, at *The Brains Blog*. <https://philosophyofbrains.com/2024/12/10/selection-is-inescapable-part-1-do-we-need-to-rethink-biological-functions.aspx>

(2024) “Selection is Inescapable Part 2: Re-rethinking Biological Functions” with Jakob Roloff, and Francesca Bellazzi, at *The Brains Blog*. <https://philosophyofbrains.com/2024/12/12/selection-is-inescapable-part-2-re-rethinking-biological-functions.aspx>

## **Presentations (selection)**

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| “ <i>Mental Representation and Proper Function for Artificial Neural Networks</i> ” (with James Turner)<br>Congress of the German Society for Philosophy, Münster  | 09.24 |
| “ <i>Revisiting dysfunction in disorders: Degrees, diversity, and distality</i> ”<br>Templeton-Sowerby Joint Workshop: Function and Dysfunction in Medicine and Psychiatry, King’s College London<br>( <a href="https://youtu.be/jbTWyqz_dQ0?si=QpSGsXjy5TVmaPWA">https://youtu.be/jbTWyqz_dQ0?si=QpSGsXjy5TVmaPWA</a> ) | 02.24 |
| “ <i>Mind and Function: On the Role of Selected Dispositions in the Philosophy of Mind and Psychiatry</i> ”<br>1st Recife’s Virtual Conference on Philosophy of Mind, online   | 12.23 |
| “ <i>Biological Functions as Selected Dispositions</i> ”<br>Millikanfest, University of Connecticut  | 10.23 |
| “ <i>Causal Bases in the Life Sciences</i> ”<br>Inductive Metaphysics: Insights, Challenges and Prospects, Universität Düsseldorf  | 08.23 |
| “ <i>Mental Disorders – On psychological dispositions, individuation and the disorder role</i> ”<br>Mental Disorders and Modal Properties, Berlin  | 06.23 |

“Multi-track Pluralism” GAP.11, Berlin	09.22
“Dysfunctions, Dispositions, Defects and Disorders” The ThUMB 2022 Meeting on Functions in Biology and the Biomedical Sciences, Rijeka	09.22
“Causal Bases in the Life Sciences” (with Javier Suárez Díaz) Dispositions in the Life-Sciences. Contemporary and Historical Perspectives, Trier	06.22
“Varitel Semantics and Analog Productivity” Representation in Cognitive Science, Bochum	02.20

## C. Service to Profession

### Organization of conferences and colloquia

<b>Bielefeld Colloquium on the Philosophy of Psychiatry</b> ( <a href="https://www.uni-bielefeld.de/fakultaeten/philosophie/arbeitsbereiche/wissenschaft/bielefeld-colloquium-in-p/">https://www.uni-bielefeld.de/fakultaeten/philosophie/arbeitsbereiche/wissenschaft/bielefeld-colloquium-in-p/</a> ) <i>Guests:</i> Lena Kästner (Bayreuth), Sanja Dembić (Berlin), Anneli Jefferson (Cardiff), Lara Keuck (Bielefeld), James Turner (Sheffield), Harriet Fagerberg (New York), Justin Garson (New York), Sascha Fink (Erlangen), Awais Aftab (Cleveland), Roberta Locatelli (Tübingen), Drew Johnson (Oslo), Jacob Stegenga (Cambridge), Elly Vintiadis (Deree College), Tad Zawidzki (Washington D.C.), Marko Jurjako (Rijeka), Ema Sullivan-Bisset (Birmingham) , Jonida Kodra (Osnabrück), Hannah Altehenger (Konstanz), Sander Werkhoven (Utrecht) , Miriam Elisabeth Niemöller (Bielefeld), Tuomas Vesterinen (Stanford)	since 04.21
<b>Bielefeld Workshop on Philosophy of Psychiatry 2024</b> (with David Lambert and Daniel Montero) <i>Speakers:</i> Florence Adams (Cambridge), Sanja Dembic (Berlin), Cornelia Elke (Bielefeld), Sascha Fink (Erlangen), Anna Hagemann (Bielefeld), Jonas Hartmann (Bielefeld), David Lambert (Bielefeld), Roberta Locatelli (Tübingen), Lara Keuck (Bielefeld), Vladimir Markovic (Hannover), Daniel Montero (Hannover), Caroline Stankozzi (Bochum), James Turner (Sheffield)	05.24
<b>Mental Disorders and Modal Properties</b> (together with Sanja Dembić) <i>Speakers:</i> Kristina Engelhard (Trier), Jonathan Fuller (Pittsburgh), John T. Maier (Cambridge), Garson Leder (Milwaukee), Sophie Kikkert (Berlin), Tadeusz Zawidzki (Washington DC)	06.23
<b>Dispositions in the Life-Sciences. Contemporary and Historical Perspectives</b> (with Kristina Engelhard, Lorenzo Spagnesi, Marie Kaiser, María Ferreira Ruiz and Javier Suárez Díaz) <i>Speakers:</i> Rani Lill Anjum (Ås), Christopher J. Austin (Durham), Andrea Gambarotto (Leuven), Alan Love (Minnesota), Laura Nuño de la Rosa (Madrid), James Messina (Madison), Gil Santos (Lisbon), Davide Vecchi (Lisbon)	01.22
<b>Dispositions and the life-sciences – A Microworkshop</b> <i>Speakers:</i> Barbara Vetter (Berlin), Marie Kaiser (Bielefeld), Javier Suárez Díaz (Bielefeld), María Ferreira Ruiz (Bielefeld)	09.21

<b>Biological Functions – From Zebra Stripes to Synapses</b> (with Behzad Nematipour) <i>Speakers:</i> Justin Garson (New York), Ulrich Krohs (Münster), Joe Dewhurst (München), Peter Schulte (Zürich) and students from Münster and Bielefeld.	01.20
<b>The Future of Teleosemantics</b> (with Dr. Peter Schulte and Christian Nimtz) <i>Speakers:</i> Marc Artiga (Valencia), Frank Hofmann (Luxemburg), Rebekka Hufendiek (Basel), Ruth Millikan (Connecticut), David Papineau (London), Nicholas Shea (London), Ulrich Stegmann (Aberdeen), Markus Wild (Basel).	09.18
<b>Teleosemantics and the Nature of Functions</b> (with Dr. Peter Schulte and Christian Nimtz) <i>Speakers:</i> Marc Artiga (Valencia), Javier Gonzales de Prado Salas (Madrid), Justin Garson (New York), Ulrich Krohs (Münster), Brian Leahy (Konstanz), Ema Sullivan-Bisset (Birmingham).	09.17
<b>Teleosemantic Perspectives on Perception</b> (with Dr. Peter Schulte and Christian Nimtz) <i>Speakers:</i> Christopher Gauker (Salzburg), Frank Hofmann (Luxemburg), Mohan Matthen (Toronto), Eva Schmidt (Saarbrücken), Markus Wild (Basel), Sergio De Souza Filho (London), Thomas Park (Glasgow/Seoul).	10.16

### **Acquisition of funds**

Funding for the workshop " Bielefeld Workshop on Philosophy of Psychiatry 2024" from the German Society for Philosophy of Science (GWP) and the German Society for Analytic Philosophy (GAP), funding amount: 1200 €.	2024
Funding of a teaching fellowship for Kenneth W. Williford (Arlinton, TX) at the International Visiting Lecturer Program of Bielefeld University, funding amount: 7500 €.	2021
Funding for the author colloquium "Biological Functions - From Zebra Stripes to Synapses" with Justin Garson from the German Society for Philosophy of Science (GWP) and the German Society for Analytic Philosophy (GAP), funding amount: 700 €.	2020

### **Reviews**

Reviewer for the journals *Philosophical Quarterly*, *Philosophical Studies*, *Philosophical Psychology*, *Philosophy and the Mind Sciences*, *Studies in History and Philosophy of Biological and Biomedical Sciences*, *Studies in History and Philosophy of Science*, *Biology and Philosophy*, *Acta Biotheoretica*, *Erkenntnis*, *The British Journal for the Philosophy of Science*, *Synthese*, *THEORIA*, *Mind & Language*, *Australasian Journal of Philosophy*, *Integrative Psychological and Behavioral Science*, *International Studies in the Philosophy of Science*, *International Journal of Philosophical Studies*, *Analysis*, *Australasian Journal of Philosophy* and *Biological Theory*.

### **Professional Affiliations**

European Philosophy of Science Association (EPSA)	2023 – present
German Society for the Philosophy of Science (GWP)	2019 – present

German Society for Analytic Philosophy (GAP)

2009 – present

European Ph.D. Network in Philosophy

2017 – 2018

## D. Teaching Experience

### Lectures

Academic Skills (in German)	September and October 2024
Analytical Thinking and Critical Reasoning (in German)	September and October 2023
Models, Science & the World (an introduction to epistemology and philosophy of science)	February 2023

### Seminars

Philosophy of psychiatry: On the nature and classification of mental disorders (in German) <a href="https://ekvv.uni-bielefeld.de/kvv_publ/publ/vd?id=450826846">https://ekvv.uni-bielefeld.de/kvv_publ/publ/vd?id=450826846</a>	2024 Summer term
Virtues and Vices of the Mind (together with Kinga Golus) <a href="https://ekvv.uni-bielefeld.de/kvv_publ/publ/vd?id=394510872">https://ekvv.uni-bielefeld.de/kvv_publ/publ/vd?id=394510872</a>	2023 Summer term
Philosophy of Psychology (in German) <a href="https://ekvv.uni-bielefeld.de/kvv_publ/publ/vd?id=361534841">https://ekvv.uni-bielefeld.de/kvv_publ/publ/vd?id=361534841</a>	2023 Winter term
Scientific Realism (in German) <a href="https://ekvv.uni-bielefeld.de/kvv_publ/publ/vd?id=324200895">https://ekvv.uni-bielefeld.de/kvv_publ/publ/vd?id=324200895</a>	2022 Summer term
Mind and Biology (in German) <a href="https://ekvv.uni-bielefeld.de/kvv_publ/publ/vd?id=294389048">https://ekvv.uni-bielefeld.de/kvv_publ/publ/vd?id=294389048</a>	2022 Winter term
Irritability, Toxicity, and Fragility: The Puzzling Metaphysics of Dispositions (together with María Ferreira Ruiz) <a href="https://ekvv.uni-bielefeld.de/kvv_publ/publ/vd?id=257504706">https://ekvv.uni-bielefeld.de/kvv_publ/publ/vd?id=257504706</a>	2021 Summer term
Introduction to Epistemology (in German) <a href="https://ekvv.uni-bielefeld.de/kvv_publ/publ/vd?id=229334677">https://ekvv.uni-bielefeld.de/kvv_publ/publ/vd?id=229334677</a>	2021 Winter term
The Study of Mental Illness (in German) <a href="https://ekvv.uni-bielefeld.de/kvv_publ/publ/vd?id=229334592">https://ekvv.uni-bielefeld.de/kvv_publ/publ/vd?id=229334592</a>	
Writing course: Scientific Explanations (in German) <a href="https://ekvv.uni-bielefeld.de/kvv_publ/publ/vd?id=199325491">https://ekvv.uni-bielefeld.de/kvv_publ/publ/vd?id=199325491</a>	2020 Summer term
Philosophy of Psychiatry (in German) <a href="https://ekvv.uni-bielefeld.de/kvv_publ/publ/vd?id=176133726">https://ekvv.uni-bielefeld.de/kvv_publ/publ/vd?id=176133726</a>	2020 Winter term
Biological Functions: Natural Normativity and its Philosophical Relevance <a href="https://ekvv.uni-bielefeld.de/kvv_publ/publ/vd?id=176139313">https://ekvv.uni-bielefeld.de/kvv_publ/publ/vd?id=176139313</a>	
Philosophical Writing: Animal Minds (in German) <a href="https://ekvv.uni-bielefeld.de/kvv_publ/publ/vd?id=159296674">https://ekvv.uni-bielefeld.de/kvv_publ/publ/vd?id=159296674</a>	2019 Summer term

Introduction to Philosophy of Biology (in German) <a href="https://ekvv.uni-bielefeld.de/kvv_publ/publ/vd?id=159482151">https://ekvv.uni-bielefeld.de/kvv_publ/publ/vd?id=159482151</a>	
Introduction to Metaphysics (in German) <a href="https://ekvv.uni-bielefeld.de/kvv_publ/publ/vd?id=140622539">https://ekvv.uni-bielefeld.de/kvv_publ/publ/vd?id=140622539</a>	2018 Winter term
Philosophy of Perception (together with Steven Kindley) (in German) <a href="https://ekvv.uni-bielefeld.de/kvv_publ/publ/vd?id=79496399">https://ekvv.uni-bielefeld.de/kvv_publ/publ/vd?id=79496399</a>	2016 Winter term
Varieties of Meaning in Language and Thought: Ruth Millikans Biosemantics (in German) <a href="https://ekvv.uni-bielefeld.de/kvv_publ/publ/vd?id=55091319">https://ekvv.uni-bielefeld.de/kvv_publ/publ/vd?id=55091319</a>	2015 Summer term
The Existence of God (together with Andreas Joecks) (in German) <a href="https://ekvv.uni-bielefeld.de/kvv_publ/publ/vd?id=44521500">https://ekvv.uni-bielefeld.de/kvv_publ/publ/vd?id=44521500</a>	2014 Summer term