

# Curriculum vitae



Ass.-Prof. Dr. Philipp Mitteröcker, PD

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Education & past positions	1990–1995	Higher technical school for computer science and organization, Vienna.
	1995–2001	Undergraduate studies in Biological Anthropology at the University of Vienna.
	2001–2007	PhD position at the Dept. of Anthropology, University of Vienna (Advisor: Fred Bookstein, Univ. Washington)
	since 2003	Lecturer at the University of Vienna
	2005	Research at the Children’s Hospital of the Medical University of Vienna
	2007–2009	Post Doc research fellow at the Konrad Lorenz Institute for Evolution & Cognition Research, Altenberg, Austria
	since 2009	Assistant Professor in the Department of Theoretical Biology, University of Vienna
	since 2009	Lecturer at the University of Graz
	2011	Habilitation ( <i>venia docendi</i> ) for Theoretical Biology

## Research & teaching

I am a theoretical biologist with a strong background in biological anthropology, evolutionary biology, and statistics. I have worked extensively on the development and application of statistical and morphometric tools to explore patterns of phenotypic and genetic variation. My primary theoretical interest is in the quantification of concepts in evolutionary developmental biology. My empirical research has focused on the evolution and development of human and primate morphology, including medical applications, and I have also worked on numerous other vertebrate species. Furthermore, I am interested in the philosophy of biology and statistics.

I am teaching statistics, morphometrics, theoretical and evolutionary biology at the University of Vienna and the University of Graz.

## Courses

### *University of Vienna:*

Exercises in Virtual Anthropology (2003–2010)

Scientific Presentation Techniques (2003-2011)

Introd. to Multivariate Statistics (lecture & exercises, since 2005, English)

Seminar on Selected Topics in Evolutionary Anthropology (2005)

Basic Statistics for Cognitive Science (lecture & exercises, since 2007, Engl.)

Theoretical Morphology (lecture & seminar, since 2009)

The Evolution of Human Development (lecture, since 2009)

Mathematical Basics for Theoretical Biology (exercises, since 2010, English)

Experimental Evolutionary Biology (project practicum, since 2011)

Morphometrics: The Study of Biological Form (project pract., since 2011)

Evolution (lecture, since 2014)

### *University of Graz:*

Multivariate Biostatistics and Geometric Morphometrics (lecture & seminar, since 2009)

### *International teaching:*

Teaching at an international morphometrics summer school in Vienna (2006 and 2008)

Course on geometric morphometrics at the University of Zagreb (2013)

## Awards

Prize for the best student presentation at the 12th Congress of the European Anthropological Association, Cambridge, UK, 2000 (with P Gunz)

Research Award of the Austrian Theodor Körner Funds for Science and Art, 2005

DocAward of the University of Vienna and the City of Vienna, 2008

Young Investigator Award, Faculty of Life Science, Univ. of Vienna, 2010

Förderpreis der Stadt Wien für Wissenschaften, 2010

Eve Cockburn Poster Prize at the 18<sup>th</sup> European meeting of the Paleopathology Association, Vienna, 2010 (with A Sonnberger, M Teschler)

Focus of Excellence Award, Faculty of Life Science, Univ. of Vienna, 2012

Wissenschaftlicher Förderpreis der Österreichische Gesellschaft für Kieferorthopädie, 2017 (with M Bertl)

**Editorial Board**  
Journal of Anthropology (since 2008)  
The Open Anthropology Journal (since 2010)  
Journal of Evolutionary Biology (since 2011)  
South European Journal of Orthodontics and Dentofacial Research (since 2013)  
Frontiers in Ecology and Evolution (since 2014)  
Biological Theory (since 2017)

**Refereeing**  
for American Journal of Orthodontics & Dentofacial Orthopedics, American Journal of Physical Anthropology, American Naturalist, Bioinformatics, Biological Theory, BMC Evolutionary Biology, Canadian Journal of Zoology, Diversity and Distributions, eLife, Evolution, Evolutionary Biology, Evolution: Education and Outreach, Frontiers in Zoology, Gene, Hystrix, Integrative and Comparative Biology, Journal of Anatomy, Journal of Anthropology, Journal of Biosciences, Journal of Experimental Zoology Part B, Journal of Evolutionary Biology, Journal of Human Evolution, Methods in Ecology & Evolution, Nature, Nature Communications, PLoS ONE, PNAS, Systematic Biology, Proceedings of the Royal Society A, The Open Anthropology Journal, Zoological Journal of the Linnaean Society  
National Science Foundation (NSF), USA  
Office of Investigative and Forensic Sciences, National Inst. of Justice, USA  
The Leakey Foundation, USA  
Natural Sciences and Engineering Research Council of Canada  
Israel Science Foundation  
KLI Institute for Evolution & Cognition Research, Austria

**Memberships**  
Konrad Lorenz Inst. f. Evolution & Cognition Research (elected member)  
European Society f. Evolutionary Developmental Biology (council member)  
Society for the Study of Evolution  
European Society for Evolutionary Biology  
American Association of Physical Anthropology