# **GRADUATE SCHOOL**



Program
Summer Semester 2024

Welcome, Doctoral students & Postdocs!

Graduate students and postdoctoral scholars in all fields face an increasingly complex and rapidly changing academic environment and career search. To make the most of the myriad of career opportunities available to you, you must complement academic training by building professional skills based on the following core competencies:

- research & data analysis
  - writing & publishing
- presentation & teaching skills
  - career management

Planning status is March 2024 – so please visit our homepage regularly for updates!

Registration for the courses is detailed in the program.

The course title indicates the course language.

Von-Lade-Str. 1 65366 Geisenheim

Phone +49 6722 502 6341

Building 5903 - Room 04

www.hs-geisenheim.de/forschung/ wissenschaftlicher-nachwuchs/

# SCIENTIFIC INTEGRITY



At Hochschule Geisenheim we are required and actively committed to the prevention of research misconduct as well as to working arte legis. That's why Graduate School offers workshops on scientific integrity on an annual basis. You should consciously explore the rules of responsible conduct of research from the very beginning of your research endeavors and writing process eliminating any possibility of misconduct in dealing with data and references ensuring your work to be impeccable. This workshop is offered on an annual basis at the beginning of the year.

# SCIENTIFIC WRITING TUTORIALS



The ability to write well in a variety of genres to different audiences from seminar papers and grant proposals to dissertations and research publications will be key to success and to your career. For the attendance of the tutorials please join directly on Greenlight. Lecturer: Dr. Markus Elsner

https://vc-green.hs-gm.de/b/dan-ygh-d3n-2jc

# **TEACHING SKILLS**



Numerous sources are available to obtain and grow the teaching skills you need to thrive as an educator. For those interested in teachingrelated careers, developing teaching skills has obvious value, but if you plan to pursue jobs outside of academia, instructional techniques can also help cultivate important skills such as oral communication, active listening and problem solving. Please check with us at Graduate School or with our library for a list of extensive bibliography.

www.hs-geisenheim.de/en/university/organization/administrativeunits/university-didactics-elearning/

# LITERATURE MANAGEMENT

The literature management program **CITAVI** is available as an ILIAS course unit via the library. CITAVI helps with all that's necessary for scientific literature work: from research to knowledge organization, task planning and creating the bibliography.

Work through the CITAVI course by yourself and go into more detail making a personal appointment at the library.

www.hs-geisenheim.de/bibliothek/citavi/

### RESEARCH DATA MANAGEMENT



Digital research data is a special knowledge resource that ensures the traceability of research results whilst leading to new insights, e.g. if reused by other researchers. Active data management also offers advantages in everyday research, beginning with the sorting and backup of the data in the working group. Self-learning units on research data management are available on HGU's ILIAS:

https://ilias.hs-qm.de/goto.php?target=lm\_13364&client\_id=iliasprod

Explore current events of HeFDI Data School here: https://www.uni-marburg.de/en/hefdi/hefdi-data-event/hds

# CAREER ORIENTATION & EXPLORATION



Graduate School strongly supports the career development especially in light of the increasing differentiation on the academic job market and its changing career perspectives. The curriculum of the Human Resources Department includes e.g. development of management skills, team development, basic business skills as well as self-assessment coachings. For individual support please take advantage of a personal appointment at

personalentwicklung@hs-qm.de









21.3.	<b>Christopher Bahr, Department of Modeling and Systems Analysis</b> - Modelling virtual Riesling canopies for reducing sunburn risks in grapevine (Vitis vinifera L.) berries
	Marcel Fackert, Dept. of Fresh Produce Logistics - Analyse und Gestaltung der Logistikprozesse in der Qualitätsschaumweinindustrie unter besonderer Berücksichtigung von Digitalisierung und Automatisierung
11.4.	<b>David Weinrich, Dept. of Fresh Produce Logistics</b> - Private gardens in urban spaces: sustainability, function, and relevance for garden owners
	<b>Duc Le Ngoc, Dept. of Food Safety –</b> Investigation of the potential allergenicity and coloration of peanut and hazelnut regarding different high-temperature processing methods
	Emilio De Longhi, Dept. of Microbiology & Biochemistry – Sensory and chemical characterization of the aroma of Riesling wines
25.4.	<b>Anna Lamberty, Dept. of Fresh Product Logistics</b> - Development of a generic concept for cross chain temperature monitoring using IoT-based sensor technology to optimize the product quality of fresh plant-based produce
2.5.	INTRODUCTION OF THE NEW DOCTORAL STUDENTS WITH PROF. DR. ANNETTE REINEKE, VICE PRESIDENT RESEARCH
	Julia Schenkenberger, Dept. of Urban Horticulture & Plant Use - Anwendungsbereiche der Baubotanik in der Kulturlandschaft
23.5.	Samantha Rubo, Dept. of Vegetable Crops - Development and parameterization of a neural network based on spectral vegetation indices for site-specific irrigation and N-fertilization scheduling of spinach grown in open field
23.3.	Katharina Adler, Dept. of Landscape Planning & Nature Conservation - Avian diversity in German vineyards – Circannual effects of landscape structure and management practices in the Rheingau and Rheinhessen regions
6.6.	<b>Joshua Göttmann, Dept. of Soil Science &amp; Plant Nutrition</b> - The impact of foliar fertilization of urea on the rhizosphere competence and the root exudate patterns of grapevine (Vitis vinifera L. cv. Riesling)
0.0.	Stefan Dußling, Dept. of Beverage Research - Enrichment of polyphenols in fruit drinks for the reduction of their cariogenic potential
	Tobias Körner, Dept. of Vegetable Crops - Effects of thermopriming on resilience against recurrent stress conditions and yield
13.6.	performance on tomato (Solanum lycopersicum L.)









#### INTRODUCTION TO RESEARCH FUNDING I+II



Dr. Christiane Jost, Magdolna Prantner, Hochschule Geisenheim

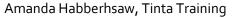
Introduction to research and innovation services & how to apply for funding at HGU. Introduction to national/international funding organizations. Hints and tricks for writing a successful proposal. Introduction to EU funding and Horizon Europe. Individual grants for early carrier researcher (MSCA & ERC). Where to find information and support for EU-Funded research? Interactive sessions include reading a BMBF call & an EU call as well as helpful hints.

22.3. + 18.4.2024 \$\times\$ 9 am - 12 pm

HS 3 /Aula

(2 sessions = 1 elective module credit)

#### **ACADEMIC WRITING**





The English you learned at school is not sufficient for writing a dissertation or publishing articles in international journals – you need to master formal English and the writing conventions for academic texts. A key challenge is writing a clear, precise and readable text that sounds like it has been written by a native speaker.

The objective of this workshop is to improve your ability to produce clear, concise and readable scientific manuscripts.

You will leave the workshop with useful tips on how to improve the style of your writing and a greater awareness of your own strengths and weaknesses.

7. + 14.5.2024 ♥ 9 am - 2 pm (incl. break)

online (2 sessions = 1 compulsory module credit)

### INTRODUCTION TO DATA VISUALIZATION WITH R AND GGPLOT2



Dr. Dominik Schmidt, Hochschule Geisenheim

This hands-on workshop will introduce the concepts of ggplot2 to visualize different data sets within "R" - a "free software environment for statistical computing and graphics". First steps and best practices towards publication will be discussed. R and ggplot2 offer platform independent state-of-the art data analysis capabilities in combination with fully customizable high-quality plotting tools.

22.4.2024 10.15 am - 12.30 pm / 1 - 4.45 pm online

(1 elective module credit)

#### **ACADEMIC POSTER DESIGN**



Dr. Susanne Berger, Visual Science Communication

Poster sessions are an integral part of almost every scientific conference. Their purpose is to highlight research results, visualize them, and stimulate discussion. To get your audience's attention, you need a crystal clear message, a format optimized for readability, and well-chosen graphics. Above all, you need to thoroughly think through how to organize your research content according to the required format. We will seek answers to the questions: What makes a good poster a good poster? How much content should be on it? How can graphic design help to communicate your research efficiently?

Each participant has the chance to attend a 1:1 coaching session following the workshop!

Career Exploration

**10.** + **11.6.2024** ♀ 9 am − **12.30** pm

online

(2 sessions = 1 elective module credit)



### ROSETTA STONE APP - LEARNING LANGUAGES WHEN, AND WHERE EVER YOU WANT!!

Through our cooperation with the leading international online language provider Rosetta Stone, everyone at Hochschule Geisenheim can now benefit from the advantages of digital language learning. Language courses for beginners to advanced Ao-C1 level / 24 languages with one access!

Contact the library to sign up: https://www.hs-geisenheim.de/bibliothek/







# March

<b>14.3.</b> 2 – 4 pm	Scientific Writing TUTORIAL (General Writing Advice)	online	via Greenlight <u>https://vc-green.hs-gm.de/b/dan-ygh-d3n-2jc</u>
<b>11.3.</b> 9 am - 4 pm	Excel - Arbeiten mit Pivot-Tabellen WORKSHOP	inhouse	registration via HR Dept. <u>Microsoft Word - Schulungsinhalte 2024 (hs-geisenheim.de)</u>
<b>21.3.</b> 4 – 5.30 pm	PhD Presentations LECTURE SERIES	● HS 8	
<b>22.3.</b> 9 am - 12 pm	Introduction to Research Funding: How to get and where to find it WORKSHOP (PART 1/2)	HS <sub>3</sub>	registration via email susanne.daniel@hs-gm.de
	Start of summer semester 🔆		

### Partner Events (AGWW, Promotionsplattform & partners)

1. + 8.3. 9 am - 4 pm 2 pm - 4 pm	Get That Job After Your Doctorate!  Applying & Interviewing for Positions in Industry and Research  WORKSHOP	online	registration fee   deadline 15.02.2024 via <mark>mara.gsw@uni-marburg.de</mark>
11. + 12.3. 9 am - 4 pm	Familie UND wissenschaftliche Karriere meistern Workshop	online	registration fee   deadline 26.02.2024 via <mark>mara.gsw@uni-marburg.de</mark>
18.3. 2 pm - 5 pm	Publizieren im Open Access Einblicke in Publikationswege, Fördermöglichkeiten & Stolperfallen WORKSHOP	Uni Marburg Deutschhausstr.11+13, Seminarraum 01.0010	registration fee   deadline 4.3.2024 via <mark>mara.gsw@uni-marburg.de</mark>





# April

<b>8.4.</b> 11.45 am – 12.45 pm	Sprachcafé for German learners Relaxed conversations in German for German learners from all countries and for all levels!		Weiterbildungsraum Müller-Thurgau- Haus	registration via email susanne.daniel@hs-gm.de
<b>11.4.</b> 4 – 5.30 pm	PhD Presentations LECTURE SERIES	<b>9</b>	HS 8	
<b>18.4.</b> 9 am - 12 pm	Introduction to Research Funding: How to get and where to find it WORKSHOP (PART 2 /2)		Aula	registration via email susanne.daniel@hs-gm.de
<b>20.4.</b> 10 am – 14 pm	Bewerbungsgespräche & Assessment Center WORKSHOP		Weiterbildungsraum Müller-Thurgau-Haus	https://hs-geisenheim.jobteaser.com/de/events/202092- career-service-workshop-bewerbungsgesprche-assessment- center
<b>22.4.</b> 10.15 – 12.30 1 – 4.45 pm	Introduction to Data Visualization with R + GGPlot₂ WORKSHOP	<b>Q</b>	online	registration via email susanne.daniel@hs-gm.de
<b>25.4.</b> 4 – 5.30 pm	PhD Presentations LECTURE SERIES	<b>9</b>	HS 8	
<b>25.4.</b> 2–4 pm	Scientific Writing TUTORIAL (Discussion of participants' abstracts)		online	via Greenlight <u>https://vc-green.hs-gm.de/b/dan-ygh-dʒn-2jc</u>
Partner Event	s (AGWW, Promotionsplattform & partners)			
16.+17.4. 10 am - 6 pm 9 am - 5 pm	Positiv denken + positiv sprechen = Konstruktiv kommunizieren auch in schwierigen Arbeitssituationen  Workshop		Martin-Niemöller- Haus 61389 Schmitten	free <a href="https://www.agww- hessen.de/wp/agww/seminare/schedule/4171">https://www.agww- hessen.de/wp/agww/seminare/schedule/4171</a>
18.+19.4. 9 am -4.30 pm	<b>Disputationstraining</b> Workshop		online	registration fee   deadline 3.4.2024 via mara.gsw@uni-marburg.de
18.+19.4. 10 am - 6 pm 9 am - 4 pm	<b>Anti-Ärger-Strategien – Strategien für ein stressfreies Arbeiten</b> Workshop		Martin-Niemöller- Haus 61389 Schmitten	free https://www.agww- hessen.de/wp/agww/seminare/schedule/4172



Scientific Writing & Publishing





22.5.

9 am - 4.30 pm

			116.0	
<b>2.5.</b> 4–6 pm	INTRODUCTION OF THE NEW PhD STUDENTS with Prof. Dr. Annette Reineke + LECTURE SERIES		HS 8	
6.5. 11.45 am – 12.45 pm	Sprachcafé for German learners Relaxed conversations in German for German learners from all countries and for all levels!		Weiterbildungsraum Müller-Thurgau- Haus	registration via email susanne.daniel@hs-gm.de
<b>7. + 14.5.</b> 9 am – 2 pm	Academic Writing WORKSHOP		online	registration via email susanne.daniel@hs-gm.de
<b>23.5.</b> 4 – 5.30 pm	PhD Presentations LECTURE SERIES		HS 8	
Partner Even-	ts (AGWW, Promotionsplattform & partners)			
13.+14.5. 10 am - 6 pm 9 am - 5 pm	Klang und Präsenz – Die Stimme und die Praxis des Sprechens Workshop		AGWW	free https://www.thm.de/wp/agww/seminare/schedule/4174
14.5. 9 am - 5 pm	Social Media für die Wissenschaftskommunikation – Wie ich (meine) Forsc präsentieren kann	hung	Uni Marburg Deutschhausstr.11+13,	<i>registrαtion fee  </i> deadline 29.4.2024 via <u>mara.gsw@uni-marburg.de</u>



Workshop

**WORKSHOP** 





Career Exploration

Seminarraum 01.0010

Deutschhausstr.11+13, Seminarraum 01.0010

Uni Marburg

registration fee | deadline 7.5.2024

via mara.qsw@uni-marburq.de

EMF – Intellectual Property Rights in Science and Research

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# June

3.6. 11.45 am – 12.45 pm	Sprachcafé for German learners Relaxed conversations in German for German learners from all countries and for all levels!		Weiterbildungsraum Müller-Thurgau-Haus	registration via email susanne.daniel@hs-gm.de
<b>6.6.</b> 2 – 4 pm	Scientific Writing TUTORIAL (The publication process)		online	via Greenlight <u>https://vc-green.hs-gm.de/b/dan-ygh-dʒn-2jc</u>
<b>6.6.</b> 4 – 5.30 pm	PhD Presentations LECTURE SERIES	<b>9</b>	HS 8	
<b>10.</b> + <b>11.6.</b> 9 am – 12.30 pm	Academic Poster Design WORKSHOP	<b>e.</b>	online	registration via email susanne.daniel@hs-gm.de
<b>13.6.</b> 4-5.30 pm	PhD Presentations LECTURE SERIES	<b>(4)</b>		

# Partner Events (AGWW, Promotionsplattform & partners)

Writing Lab – Scientific Writing for the Life and Natural Sciences	Uni Marburg Deutschhausstr.11+13.	registration fee   deadline 21.5.2024 via mara.gsw@uni-marburg.de
! compulsory module credit will be assigend upon submission of certificate	Seminarraum 01.0010	
Scientific Writing	Otto-Fleck-Schneise 4,	free
Workshop	60528 Frankfurt/Main	https://www.agww-
! compulsory module credit will be assigend upon submission of certificate		hessen.de/wp/agww/seminare/schedule/4183
Presenting at Conferences	Uni Marburg	registration fee   deadline 31.5.2024
WORKSHOP	Deutschhausstr.11+13,	via mara.gsw@uni-marburg.de
	Seminarraum 01.0010	
EMF – Visualizing Science Projects	online	registration fee   deadline 7.6.2024
WORKSHOP		via <u>mara.gsw@uni-marburg.de</u>
Lern- und Merktechniken für nachhaltiges Erinnern	Bildungsstätte	free
Workshop	Waldstraße 31, 61449	https://www.agww-
·	Steinbach	hessen.de/wp/agww/seminare/schedule/4192
	Workshop ! compulsory module credit will be assigend upon submission of certificate  Scientific Writing Workshop ! compulsory module credit will be assigend upon submission of certificate  Presenting at Conferences WORKSHOP  EMF – Visualizing Science Projects WORKSHOP  Lern- und Merktechniken für nachhaltiges Erinnern	Workshop ! compulsory module credit will be assigend upon submission of certificate  Scientific Writing Workshop ! compulsory module credit will be assigend upon submission of certificate  Presenting at Conferences WORKSHOP  Uni Marburg Deutschhausstr.11+13, Seminarraum 01.0010  EMF – Visualizing Science Projects WORKSHOP  Lern- und Merktechniken für nachhaltiges Erinnern Workshop  Bildungsstätte Waldstraße 31, 61449







8.7. 11.45 am – 12.45 pm	Sprachcafé for German learners Relaxed conversations in German for German learners from all countries and for all levels!		Weiterbildungsraum Müller-Thurgau-Haus	registration via email susanne.daniel@hs-gm.de
<b>18.7.</b> 2 – 4 pm	Scientific Writing TUTORIAL (Abstracts)		online	via Greenlight https://vc-green.hs-gm.de/b/dan-ygh-d3n-2jc
<b>10.9.</b> 9 am – 4.30 pm	Präsentationen professionell planen und aufbereiten WORKSHOP	e.	Weiterbildungsraum Müller-Thurgau-Haus	https://hs-geisenheim.jobteaser.com/de/events/202092- career-service-workshop-bewerbungsgesprche-assessment- center
Partner Events	s (AGWW, Promotionsplattform & partners)			
1.+2.7. 9 am - 5 pm	Statistik-Crashkurs Workshop		Uni Marburg Deutschhausstr.11+13, Seminarraum 01.0010	registration fee   deadline 17.6.2024 via <u>mara.gsw@uni-marburg.de</u>
11.+12.7. 10 am - 6 pm 9 am - 3 pm	Critical Reasoning and Logic Workshop		online	registrαtion fee   deadline 26.6.2024 via <u>mara.gsw@uni-marburg.de</u>

# August

19-30.8. Online-Schreibretreat - für alle Fachrichtungen! online registration fee | deadline 5.8.2024
9 am – 5 pm ! compulsory module credit will be assigend upon submission of certificate via mara.gsw@uni-marburg.de







