



At the Heart of Europe







Where Leisure and Research Converge





Leisure & relaxation



Unique natural landscapes



Historical heritage



Sun & sea

University & Hanseatic Town of Greifswald





Historic Old Town characterised by Brick Gothic architecture



Lively culture scene with a theatre, museum & festivals



Maritime atmosphere in the "Museum Harbour"

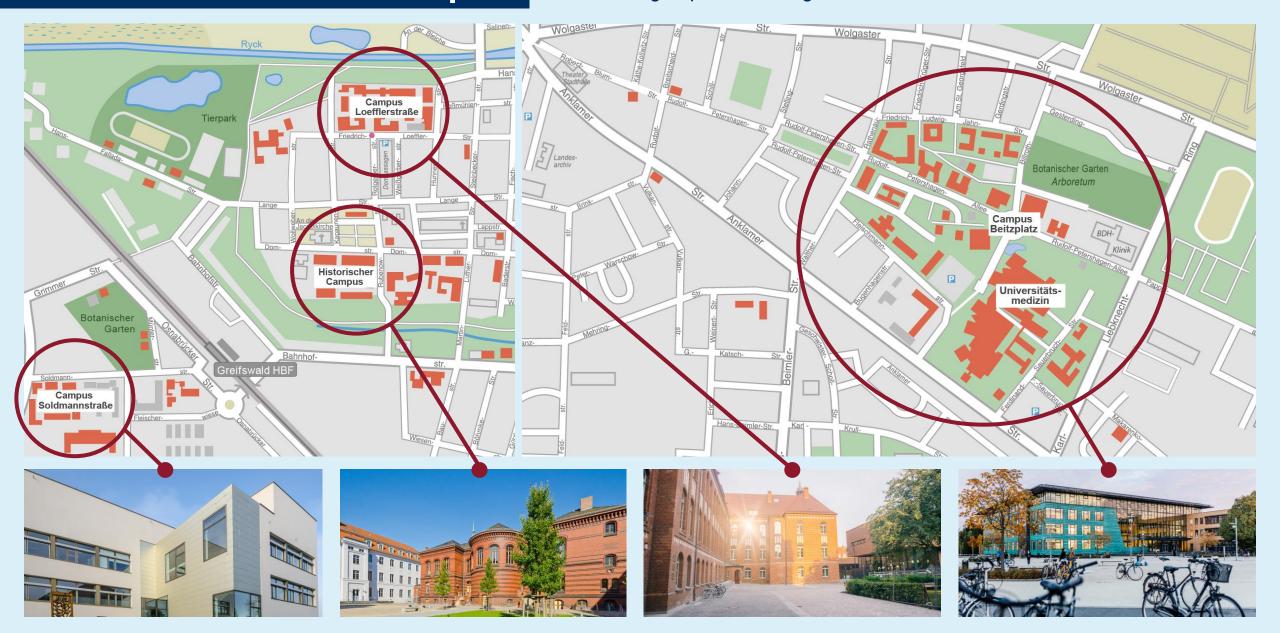


Student and bicycle town

The Town is the Campus

131 buildings spread throughout the town, short distances





History of the University



17/10/1456	Founding of the university on the initiative of Greifswald's mayor, Heinrich Rubenow	Around 1900 •	Construction of numerous new university buildings and one of the most modern hospitals in the world
1634	Donation of the Eldena District by Pomeranian Duke Bogislav XIV (24 villages with 14,000 hectares of farmland)	1933 – 1945	Gleichschaltung by the Nazis and involvement in military research
1648 – 1815	Pomeranian State University under Swedish rule	1946 – 1990 🔸	Involvement in the SED's socialist education policy
1750	Inauguration of today's University Main Building in the Domstraße	1990 – 1995	Restoration of the autonomy of research and teaching
1815 – 1933	Erection of today's Historic Campus	2013	Election of the first female Rector, after 351 male Rectors
	with the former Audimax during the Prussian Period	2022	Election of the first student Pro-Rector

University Governance 2023



Pro-Rector

Staff Development Organisation Diversity



Annelie Ramsbrock

Pro-Rector

Research Transfer Digitisation



Ralf Schneider

Rector



Katharina Riedel

Registrar



Juliane Huwe

Pro-Rector

Teaching
Teacher education
Internationalisation



Dorthe Hartmann

Pro-Rector

Student affairs



Hennis Herbst

Historical Gems

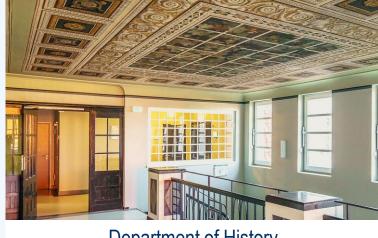




Institute of Anatomy



Department of Law



Department of History



Former Institute of Physics



Aula in the University Main Building



Old University Library (Gropius building)

Numbers & Facts (incl. University Medicine Greifswald)



10,356 Students

239
Professors
(28 % female)

1,986
Academic Staff

3,721
Non-academic Staff

1,349 Graduates

5 Faculties

3 (2+1)
Research Facilities
of nat. importance

€ 64.4 m External funding

34 University partnerships 201-250
THE Ranking²⁰²³
(Life Sciences)

No. 36
THE Ranking²⁰²³
(German Universities)

9,000 ha (2)
Land (Dachshunds)

Finances and Land Ownership

Basic allocation State of MV (annual)

• approx. € 70 m (UG) + approx. € 63 m (UMG)

Expenditure of external funding (2023)

• € 64.4 m (UG + UMG)

Land

- Approx. 9,000 ha land, of which 3,000 ha forest
- Tenants (mostly) members of the Greifswalder Agrarinitiative



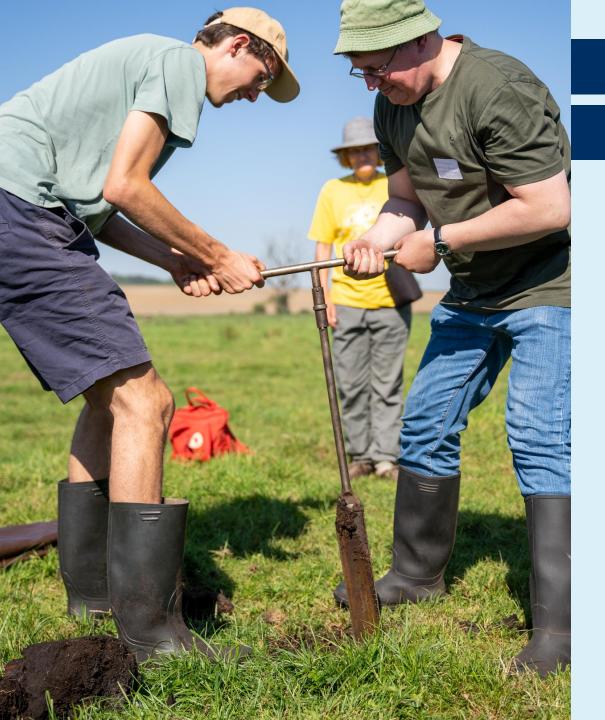














Shaping the Future:

Sustainable Uni

Sustainability in Studies and Teaching

Central topics:

- Ecosystems
- Climate change
- Social aspects of sustainable development

Research for Sustainability

- More than 80 research projects on sustainability
- Interdisciplinary collaboration with the Greifswald Mire Centre, the Michael Succow Foundation and others
- Sustainability Prize for dissertations and doctoral theses





Sustainable Campus &

Sustainable Corporate Management

Sustainability Officer

& Sustainability Committee

Number 1 university town for cycling (CHE Ranking)

Energy-efficient building refurbishment sustainable procurement

Membership in Greifswald Sustainability
Alliance & Agricultural Initiative, establishment
of the climate protection forest Eldena...

Medium-Sized University with Five Faculties





Faculty of Mathematics and Natural Sciences

Life sciences, physics & mathematics, geology & geography, pharmacy, psychology, data science

Faculty of Arts and Humanities

Language & literature, history & philosophy, politics & communication, music & art, teaching qualification

Faculty of Law and Economics

Law, business administration and economics, health care management

Faculty of Theology

Protestant religious education, protestant theology

University Medicine

Human medicine, dentistry, clinical nursing science

Undergraduate Degree Courses



DIPLOM

(one-subject degree course)
Sacred Music

BACHELOR OF ARTS (B.A.)

(two-subject degree course + optional studies)
English and American Studies • Baltic Studies
Business Administration • German as a
Foreign Language • Finnish Studies • German
Studies • History • Communication Studies
History of Art • Music • Musicology
Public Law • Philosophy
Political Science • Scandinavian Studies
Slavonic Studies • Economics

BACHELOR OF SCIENCE (B.Sc.)

(one-subject degree course)

Business Administration • Biochemistry • Biology
Biomathematics • Geography • Geology
Human Biology • Clinical Nursing Science
Landscape Ecology and Nature Conservation
Management and Law • Mathematics
Mathematics with Computer Science • Physics
Psychology • Environmental Sciences

STAATSEXAMEN (STATE EXAMINATION)

(one-subject degree course)
Human Medicine • Pharmacy • Law
(1st Juristische Staatsprüfung) • Dentistry

CHURCH EXAMINATION/MAGISTER

Protestant Theology

PRIMARY EDUCATION (teaching qualification)

(four-subject degree course)

German and Mathematics (compulsory) • Natural and Social Sciences (recommended) • Alternatively: Polish or Low German • Fourth subject to be chosen from: English • Protestant Religious Education • Art and Design Low German • Practising Philosophy with Children • Polish

SECONDARY EDUCATION FOR

GYMNASIUM (teaching qualification for up to year 12)

(two-subject degree course)

German • English • Protestant Religious Education
Geography • History • Art and Design • Mathematics •
Philosophy • Physics
Polish • Russian

SECONDARY EDUCATION FOR REGIONALE SCHULEN (teaching

qualification for up to year 10)

(two-subject degree course)

German • English • Protestant Religious Education

Geography • History • Art and Design

Philosophy • Polish • Russian

THIRD SUBJECTS for TEACHING QUALIFICATIONS

(only in combination with another language)Danish • Norwegian • Swedish

SUBSIDIARY SUBJECTS for TEACHING QUALIFICATIONS

Bilingual Teaching and Learning • German German as a Foreign and Second Language English • Protestant Religious Education Geography • History • Art and Design Mathematics (only Secondary Education for Gymnasium) • Low German • Philosophy Polish • Russian

Double Degree

Binational German-Polish teacher training degree

Master's Degree Courses

MASTER OF ARTS (M.A.)

(one-subject degree course)

Fine Arts • German Literature Studies • History • History and Culture of the Baltic Sea Region • Culture - Interculturality - Literature • History of Art Organisational Communication • Philosophy • Political Science Language and Communication • Language Diversity

Master of Science (M.Sc.)

(one-subject degree course)

Business Administration • Biochemistry • Biodiversity, Ecology & Evolution
Bioeconomy • Biomathematics • Earth Sciences • Health Care Management
Human Biology • Infection Biology & Immunology • Landscape Ecology and
Nature Conservation • Mathematics • Medical Physics • Molecular Biology and
Physiology • Sustainability Geography • Physics • Psychology
Regional Development and Tourism • Environmental Sciences

Full/ or part-time studies

Master of Theological Studies







Philosophische Fakultät



UNIVERSITÄT GREIFSWALD

FAKULTÄT

STUDIUM

INSTITUTE

FORSCHUNG

VERANSTALTUNGEN

Philosophische Fakultät



Philosophische Fakultät

Dekanat

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<u>dekanphf@uni-greifswald.de</u>





Institut für Slawistik



IFZO (Interdisziplinäres Forschungszentrum Ostseeraum)

DFG-Graduiertenkoller Peripities. Narratives formations, Revolution Catastrophes"

INSTITUT

MITARBEITENDE

STUDIUM

FORSCHUNG

VERANSTALTUNGEN

Institut für Slawistik > Mitarbeitende > Lehrstuhl für Ukrainische Kulturwissenschaft > JProf. Dr. Roman Dubasevych

∨JProf. Dr. Roman Dubasevych

- > BMBF-Projekt UNDIPUS
- > ZiWiss



JProf. Dr. Roman Dubasevych

Lehrstuhlinhaber

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☑ roman.dubasevych@uni-greifswald.de

Motor for the Town & Region





Cultural and Music Festivals



Science Day



University Children's Day



Tours



University in the Region



Botanical Garden

CULTURAL EVENTS



NORDISCHER KLANG

The cultural association **Nordischer Klang e.V.** is closely connected with the Institute for Finnish and Scandinavian Studies at the University of Greifswald and has been organizing the cultural festival **Nordischer Klang** in the Hanseatic and university city of Greifswald every year in May for about 10 days together with numerous local cooperation partners and cultural institutions.

As the biggest annual cross-genre festival in Germany, which focuses on Scandinavian and Nordic music, art and literature, **Nordischer Klang** has a great impact in the region. At the festival around 40 events such as concerts, readings, film screenings, scientific contributions, stage art, exhibitions, panel discussions, a family program and workshops attract up to 10,000 visitors each year.

https://nordischerklang.de/nordischer-klang/

PolenmARkT

Institut für Slawistik, Lehrstuhl für Slawische Literaturwissenschaft

https://polenmarkt-festival.de/

CULTURAL EVENTS



GREIFSWALDER BACH WEEK

The Greifswald Bach Week is the **annual "Festival of Sacred Music in the North"**. For one week in June, numerous concerts, cantata services and other events take place in Greifswald and the surrounding area.

Within the framework of annually changing thematic focuses, both the great choral works of Johann Sebastian Bach and chamber music works are performed. In addition, performances of works by composers from all eras highlight Bach's extensive legacy.

The Greifswald Bach Week was established in 1945, making it the oldest music festival in Mecklenburg-Vorpommern. The festival is sponsored by the Pomeranian Protestant Church and the University of Greifswald in cooperation with the state of Mecklenburg-Vorpommern, the Hanseatic City of Greifswald and the Greifswald church district. Cooperation partners include Norddeutscher Rundfunk and Sparkasse Vorpommern.

https://phil.uni-greifswald.de/veranstaltungen/kulturelle-veranstaltungen/bachwoche/

Modern Research Infrastructure





Center of Drug Absorption and Transport (C_DAT)



Center for Functional Genomics of Microbes (C_FunGene)



University Computer Centre (URZ)



University Medicine Greifswald (UMG)



Central University Library



William B. Kannel Center for Community Medicine (under construction)





Interdisciplinary Cutting-Edge Research

Research-strong university with five key fields of research

- Community Medicine and Individualized Medicine
- Environmental Change: Responses and Adaptation
- Infections, Microbial Ecology & Biotechnology
- Baltic Sea Region Research
- Plasma Physics

RESEARCH MISSION



- finding solutions for major societal challenges:
 - health & preventive medicine,
 - environment & climate,
 - energy & raw materials and
 - chances & risks of globalisation
- being attractive for excellent researchers of all career stages
- encouraging new research ideas
- intensifying collaborations with external research institutions
- strengthening the regional economy by research and technology transfer

"Think Rural"



- Research consortium, since 2011, working together on the topic RURALITY
- Various disciplines involved: *medicine*, *psychology*, *health economics*, *economics and criminology*, *political science*, *geography and theology*.
- In the consortium, joint projects of basic research on rural areas as well as applied cooperation are planned and carried out. The research groups have developed a number of practical solutions in their work, such as the Community Medicine Nurse, De Führn Dokter, transport infrastructure projects, training concepts, prevention programs for rural areas or projects for social rural development.

Community Medicine and Individualized Medicine



Topics

- Health services research and epidemiology
- Clinical epidemiological and molecular epidemiological research for abdominal, metabolic, and cardiovascular diseases, infection and inflammation
- Community medicine methods
- Preventive medicine, addiction and risk behaviour





Study of Health in Pomerania













Environmental Change: Responses & Adaptation



Topics

- Adaptation to changing environments
- Biodiversity
- Evolution
- Georesources
- Sustainability
- Conservation
- Ecosystems research
- Biogeochemical cycles
- Environmental science
- Earth's future















Infections, Microbial Ecology & Biotechnology



Topics

- Molecular mechanisms in the interaction between pathogen and host
- Structure and function of terrestrial and aquatic microbiomes
- Environmentally friendly production of chemicals and pharmaceuticals
- Development of proteomics methods



Baltic Sea Region Research

Topics

- Cultural exchange, cultural and mental borders and borderlands, narratives
- Comparison of legal systems in Baltic Sea region and Europe
- Language diversity and status of minority languages
- Sustainable coastal and land management
- Development & infrastructure of rural regions













Research Centre for Manors in the Baltic Sea Region

Deaths linked to escape attempts across the Baltic Sea

Plasma Physics

NIVERSITÄT GREIFSWALD Wissen lockt. Seit 1456

Topics

- Properties of complex plasmas and hightemperature plasmas
- Dense plasmas, strong correlations and collective effects in radiation fields: Coulomb Systems, clusters and particles
- Plasma technology and use of plasmas in medicine and (food) hygiene











University Medicine (UMG)

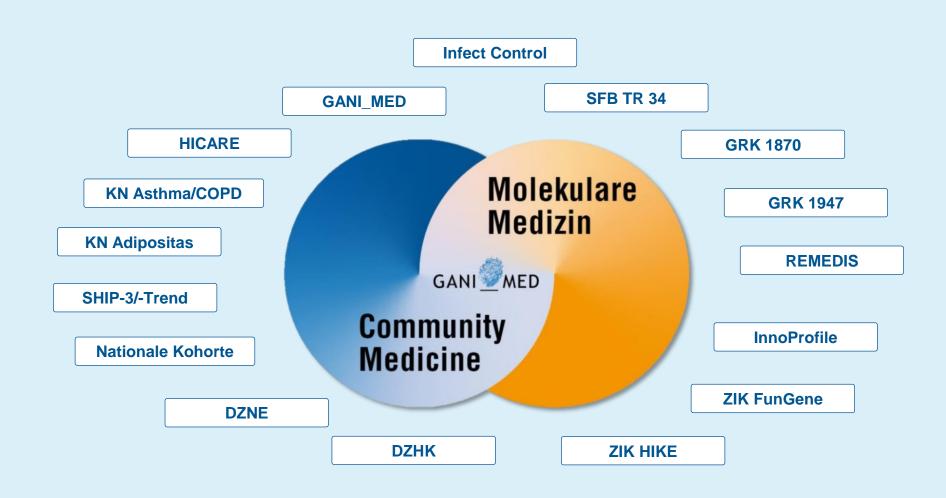


- modern and compact infrastructure, life science campus with 21 departments and 17 institutes
- extensive quality-management and constant evaluation
- 3,300 employees (83 professors, 484 physicians, 721 nursing staff, 995 technical staff, 382 administrative staff)
- 1,244 medical-students / 560 nursing students
- Landeszuführungsbetrag FuL 53,59 Mio. Euro



University Medicine (UMG)





JOIN US 4 HEALTH



Join Us to Optimize Health Through Cohort Research

Crowdsourcing enhancing cohort studies research

- Group of similar people who differ in respect of a certain characteristic are followed over time and compared for a particular outcome. These powerful observational studies are being used to help address key research questions today.
- Responsible Research and Innovation (RRI) & crowdsourcing a concept whereby social actors contribute to research via sharing their views and experiences for the promotion of inclusive innovation and citizen engagement in cohort research.

https://cordis.europa.eu/project/id/101006518

https://www.youtube.com/watch?v=U949IS__P-M

Wissenschaftsregion NordOst





















Internationalisation



34 Partner Universities Worldwide

(including universities in Australia, Canada, Japan, South Korea, USA, Ukraine and Vietnam)

12 %

International staff

Internationalisation Strategy

2022-2030

194

Erasmus partnerships in

28 European countries

8.1 %

International students from

99 Countries







One-Health-Region Western Pomerania

T!Raum One Health











From a dream (Traum) to the T!Raum

What do we dream of?

- Healthy people in a healthy environment with healthy relationships.
- "Health is a state of complete physical, mental and social well-being and not merely the absence of disease or infirmity" (WHO 1948).

Health is

- much more than medicine ...
- the responsibility of the whole community...
- a multifactorial process that also includes environment, relationships, agriculture, tourism, economy, politics, civil society, etc.



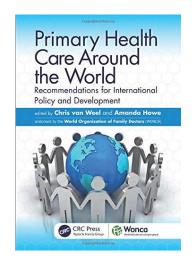
Why do we need T!Raum?

Previous approaches:

- Strictly administrative!
- Alma Ata (Primary Healthcare)
- Ottawa Charter (Health Promotion)

Fragmented health

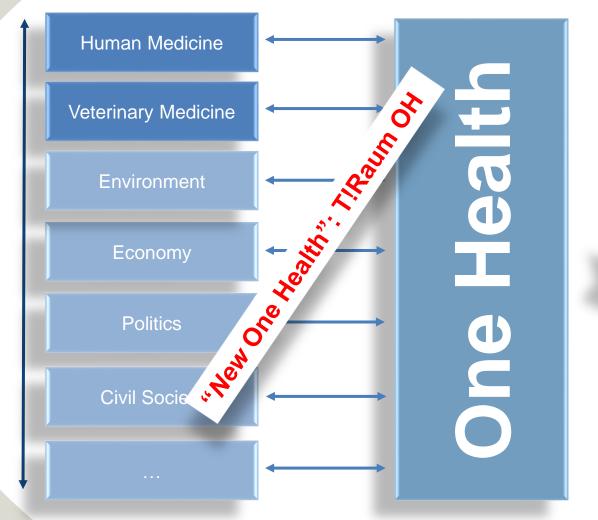
- Human medicine
- Veterinary Medicine
- Environment
- Economics...



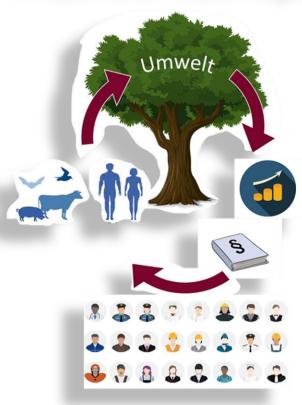


Our answer: T!Raum One Health! (Health Promoting Region)





T!Raum One Health Region



From a research concept to a regional development strategy

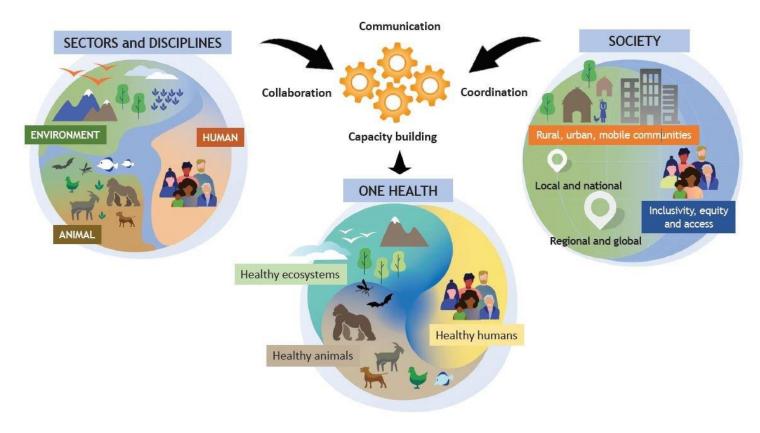


One Health High Level Expert Panel **PLOS PATHOGENS**

One Health: A new definition for a sustainable

- One Health is a collective, unifying approach that aims sustainably balance and optimize human, animal, and ecosystem health.
- It recognizes that the health of people, domestic and wild animals, plants, and the broader environment (including ecosystems) are intimately connected and interdependent.
- The approach mobilizes diverse sectors, disciplines, and communities at different levels of society to work together to promote well-being and address threats to health and ecosystems, while meeting collective needs for clean water, energy, and air, and safe and nutritious food; taking action on climate change; and contributing to sustainable development.

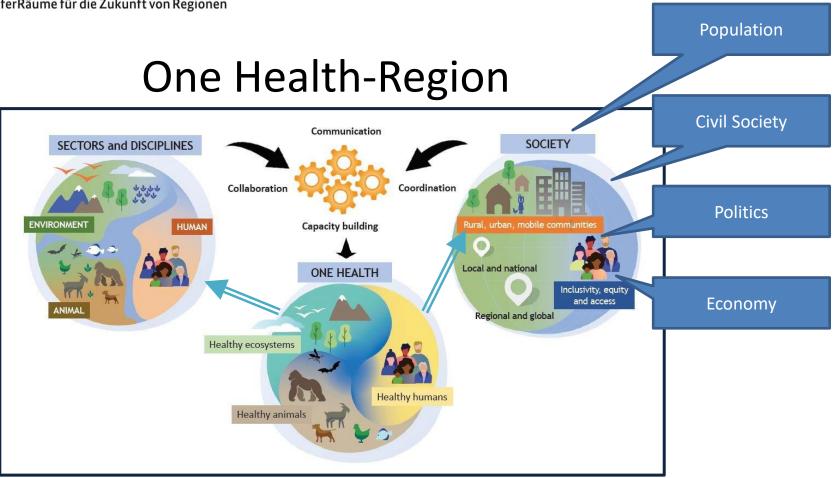




One Health High-Level Expert Panel (OHHLEP), Adisasmito WB, Almuhairi S, Behravesh CB, Bilivogui P, Bukachi SA, et al. (2022) One Health: A new definition for a sustainable and healthy future. PLoS Pathog 18(6): e1010537. https://doi.org/10.1371/journal.ppat.1010537





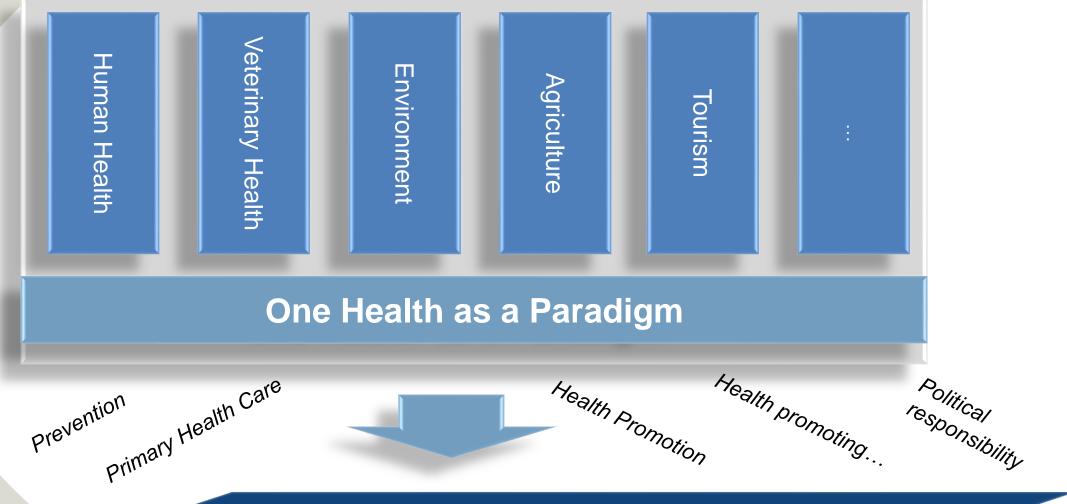




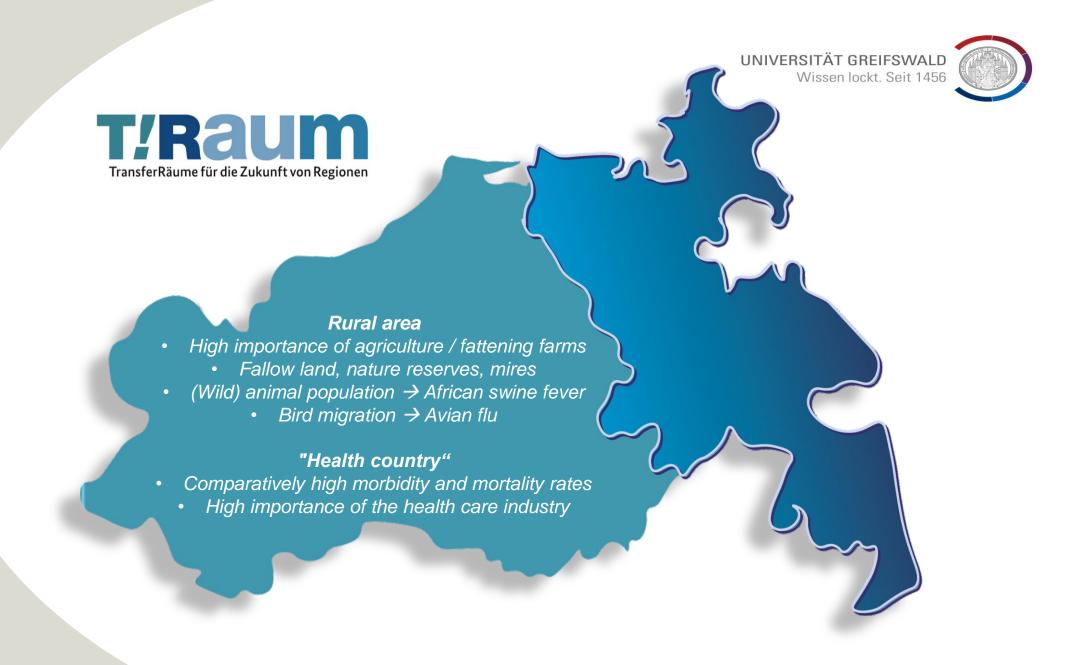


As a regional development strategy
Bringing together all activities with health
relevance: Economy, research, leisure,
environment ...
ONE HEALTH ALWAYS AND EVERYWHERE!
Stimulating information flows in all directions
One Health as a social paradigm





Health promoting region Vorpommern







Fields of Action



Reduction of Infections and antimicrobial Resistance



Creation and maintenance of a healthy and health-promoting environment



Paradigm Change: Establishing a One Health Region Vorpommern



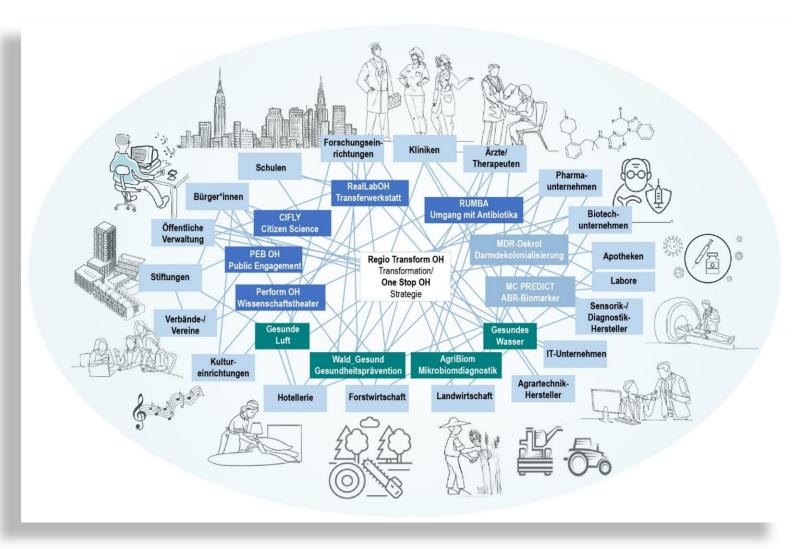
Target Groups

One Health Region Vorpommern
/ Paradigm Change

Healthy and health supporting Environment

Infections and antimicrobial resistance

. . .





Fields of Action & Target Groups



One Health Region / Paradigmenwechsel

Gesunde / gesundheitsfördernde Umwelt

Infektionen und Antibiotikaresistenz





<u>FuE-Schwerpunkt</u>

Agribiom Mikrobiomdiagnostik

RUmBA Umgang mit Antibiotika MDR-Dekol Darm-Dekolonialisierung

MC-Predict
Biomarker Milchkühe

Kommunikations-/
Partizipations-Schwerpunkt

Wald I Gesund Gesundheitsförderung RealLab OH Transferwerkstatt PEB OH Public Engagement Perform OH Wissenschaftstheater CIFLY Citizen Science



16.10.23



Infections and antimicrobial resistance

- MC-Predict biomarker for antibiotic resistance
- MDR-DEKOL Intestinal decolonization of multidrug-resistant pathogens by combined use of natural products, probiotics and vaccines
- CIFLY Citizien Science project with students to monitor zoonotic reservoirs and antibiotic resistance using flies
- RUMBA Rational use of antibiotics in the population



Healthy and health supporting Environment

- AGRIBIOM Healthy Soil, Sick Soil: Establishment of a Standard Diagnostic of the Microbiome of Agricultural Soils
- WALD | GESUND Healthy forest Development of a concept for health & prevention in Greifswald's Eldena nature reserve.



One Health Region Vorpommern - Paradigm Change -

- RegioTransform OH Needs, promoters and barriers for a One-Health-Region Vorpommern
- One Stop One Health Operational strategy development and implementation
- RealLab OH Transfer Workshop Animal Welfare
- PEB OH Public Engagement of Citizens in the Context of One Health
- Perform OH One Health Science Theater



T!Raum: Partner

Steering Group











•••

Members

- German Center for Cardiovascular Diseases (DZHK)
- Friedrich-Loeffler-Institute for Animal Health Greifswald (FLI)
- Greifswald Agricultural Initiative
- Chambers and associations of physicians, dentists, veterinarians and pharmacists in MV,
- KOMPASS e.V.
- Public health service,
- RinderAllianz
- Schweisfurth Foundation
- Opernale e.V....



Existing Transfer Structures

Research-based cooperation and exploitation

- -**Leistungsnetz** Modell für institutsübergreifende Leistungen für den Wissens- und Technologietransfer in regionalen Netzwerken (FBN; Projekt)
- -Kompass e.V. MRE-Netzwerk Mecklenburg-Vorpommern Koordinierte medizinische Versorgung für Patientensicherheit und sektorenübergreifenden Infektionsschutz (UMG)
- -HICARE— Aktionsbündnis gegen multiresistente Bakterien (UG/UMG; Projekt)
- -"Ställe der Zukunft Innovationen für gesunde und glückliche Kühe": Planung eines "Milchviehstalls der Zukunft" (FBN; Projekt, Infrastruktur)
- -ANTIRES Analyse und Reduktion der Bakterienbelastung und Antibiotikabelastung in kommunalen Abwässern (UG, INP; Projekte)
- -Tierhaltung Kooperationen innerhalb von Projekten mit regionalen Landwirten (FBN)
- -Antibiotikaresistenz Nachweis, Charakterisierung und Diagnostik in der Praxis (UG; Projekte)
- **-Therme One Health Research Center** (UG/Therme Group; Public Private Partnership)
- -Plant³ Hochwertige Veredlung pflanzenbasierter Rohstoffe (UG; WIR!-Bündnis)
- -Physics for Food Innovative physikalische Technologien für Landwirtschaft und Lebensmittelverarbeitung (UG, INP; WIR!-Bündnis)
- -Vorpommern Connect Nachhaltige Stadt-Land-Wertschöpfungsketten gestalten (UG, GAI, Projekt)
- -SHIP NEXT Modul One Health, Ergänzung der humanmedizinischen Study of Health in Pomerania SHIP um ein zoonotisches Modul zu Wechselwirkungen zwischen Mensch und Haus-/Heimtier (UMG, FLI; Projekt)

Infrastructure

- -**Z4** Zentrum für Life Science und Plasmatechnologie (WITENO, Gründungszentrum, Fertigstellung 2022)
- -Digital Health Hub Greifswald (UMG, WITENO; Kooperation)

Relationship Management

-Transferbeauftragter als Schnittstelle zu Wirtschaft und Gesellschaft (UG; Dauerstelle) -Konzeptworkshops T!Raum (UG, UMG, FLI, HIOH, FBN, CEVA u.a.)

Research and Development for Society

- -**FUN** Forschung. Umweltbildung. Naturschutz; (UG; Citizen Science-Projekt
- -Greifswalder Agrarinitiative Kooperationsplattform von Landeigentümern und Landbewirtschaftern zur Entwicklung nachhaltiger landwirtschaftlicher Nutzung (UG, Initiative)

Scientific advice for decision-makers and affected persons

-Politikberatung (FLI als BMEL-Ressortforschungseinrichtung)
-Gremienarbeit der Akteure (Kuratorium
Gesundheitswirtschaft M-V, Strategiergruppe I Life Science/ IV
Gesundheitstourismus, IHK-Arbeitskreise, Zukunftsrat MV,
Boards der Aktionsfelder und Querschnittsthemen der RIS3,
intensiver Austausch Universität, Stadt, IHK, Landkreis über
gelebte Kooperationsvereinbarungen etc.)

Entrepreneurship

-StartUP NORD°OST° (UG; Regionales Gründungs-ökosystem; EXIST Potentiale-Proiekt)

-Healthcare Hackathon Greifswald (UMG, WITENO; Initiative)

Science Dialogue & Knowledge Transfer

- -Dialog Plant³ gesellschaftliche Transformation zur pflanzenbasierten Bioökonomie (UG; Projekt)
 -Dialogveranstaltungen #Wissenlocktmich: Uni im Rathaus, Uni in der Region, Nacht der Wissenschaft, Familien-Universität, Kinder und Jugend-Uni (UG; Veranstaltungsreihen)
- -Jugendforum Bioökonomie (UG, Projekt)
- -FBN als außerschulischer Lernort (FBN; Infrastruktur, Veranstaltungen)

Transferoriented Teaching & Continuing Education-

Kurse/Feldtage für Landwirte zu Moornutzung/Palu dikultur (Greifswald Moor Centrum)



T!Raum management for operational strategy development and implementation

Coordination project of T!Raum One Health

(Located at ZFF with 2 FTE positions)

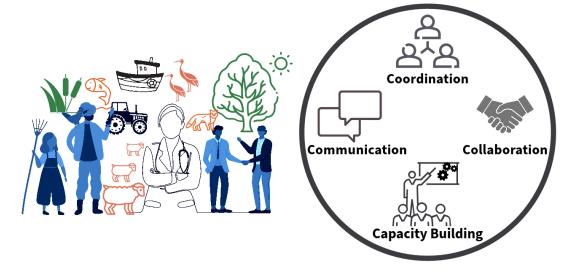
- The One Stop One Health (OSOH) objectives are.
 - 1. raising transfer potentials through cooperative development of transfer projects,
 - 2. to increase the visibility and acceptance of One Health by means of target-group-specific (scientific) communication,
 - 3. Organizational coordination and content monitoring of processes and projects in the steering and workshop areas
 - 4. promotion of the internal transformation of the University of Greifswald and the region in the area of transfer and land use
 - 5. installation of a visible transfer contact point in the T!Raum One Health



OneStop One Health

Work packages

- (1) Structure building, monitoring and evaluation
- (2) Coordination
- (3) Communication
- (4) Networking
- (5) Transformation





Overall objective

Establishment of a health mainstream based on a comprehensive One Health understanding.

Implementation

Initiate and coordinate a comprehensive participatory transformation process.

Perspective

Thematic expansion to focus areas such as healthy working, healthy building.... Supraregional to international expansion (Mecklenburg-Vorpommern + partner regions, i.e. Bad Waldsee/ Bodensee, Coimbra/ Portugal, Taiwan/ Vietnam, ...).





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16.10.23

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