

Research Pool Supported projects 2026

Researcher	Faculty	Project title	Semester
SCHERRER Madeleine	Humanities	Doing resilience: Klimapolitisch engagierte Jugendliche zwischen Widerstand und Desillusionierung	Spring 2026
SCHMIDT Thomas	Humanities	Die Pindar-Scholien: Edition mit deutscher Erstübersetzung und Erläuterungen	Spring 2026
AUER Thomas	Science & Medicine	Comparative analysis of internal-sugar sensing	Spring 2026
TAUBE Wolfgang	Science & Medicine	Subcortical Mechanisms of Balance Learning: The Role of the Cerebellum	Spring 2026
LALANNE Denis	Science & Medicine	EduViz-AI: Visualizing Learner–AI Collaboration to Support Awareness in AI-Assisted Learning	Spring 2026
BOYA Patricia	Science & Medicine	From eye to brain: validating multi-target neuroprotective compounds as new therapeutic agents for age-related diseases	Spring 2026
BRUNETTO Priscilla	Science & Medicine	Bioinspired Fluorescent, High-Strength Molecular-Glassy Adhesives Based on Fluorene Derivatives for Next-Generation Optics	Spring 2026
INGENHOFF Diana	Management, Economics & Social Sciences	Visual Epistemic Resilience in Generative AI	Spring 2026

Research Pool Supported projects 2025

Researcher	Faculty	Project title	Semester
KRÜGER Olivier	Humanities	Beyond Pyramids. Relating Religion, Media, and Far-Right Politics in Alternative (SNF)	Autumn 2025
WUNSCH Natascha	Humanities	European Democracy in the Fog of War: Democratic Beliefs and Identities under the Threat of War	Autumn 2025
DENGJEL Joern	Science & Medicine	The role of selective autophagy in epidermal differentiation	Autumn 2025
AYBEK RUSCA Selma	Science & Medicine	The body in the mind: the sense of bodily self in Functional Neurological Disorder	Autumn 2025
RIMA Samy	Science & Medicine	Harbour Project: TideSync Proof-of-Concept and MVP	Autumn 2025
FAHR Andreas	Management, Economics	The Psychological and Social Effects of a Smartphone Ban in Swiss Schools	Autumn 2025
VETTER Petra	Humanities	How do eating disorders influence people's eye movements towards food and body images in the absence of visual awareness?	Autumn 2025
COSKUN Ali	Science & Medicine	We already received the Peter Bopp Stiftung to cover part of the personnel costs. We are also planning to raise additional funds	Autumn 2025
RANF-ZIPPROTH Stefanie	Science & Medicine	The role of pattern recognition receptors in systemic immunity triggered by beneficial root-associated bacteria in the model plant <i>Arabidopsis thaliana</i>	Autumn 2025
ASCENCAO Kelly	Science & Medicine	Enhancing the Efficacy of 5-Fluorouracil on Colon Cancer Stem Cells by Inhibiting 3-Mercaptopyruvate sulfurtransferase	Spring 2025
SURDEZ Muriel	Humanities	Médecines alternatives et complémentaires en Suisse à l'ère One Health : étude des régulations professionnelles en santé humaine et animale	Spring 2025
RUGGI Albert	Science & Medicine	Supplement to the project "Multi-parametric sensing hydrogels. Application to organ-on-a-chip modelling" approved by Fonds Nationale	Spring 2025
BADER Ralf	Humanities	Liberty, Equality, and Utility: Assessing the trade-offs between individual liberty, well-being, and material equality	Spring 2025

Research Pool Supported projects 2025

HADJAR Andreas	Humanities	Project TRANSFER (Horizon): Research-Policy-Practice transfer to reduce educational inequalities and increase inclusion, Project preparation for HORIZON-CL2-2025-01-TRANSFO-06	Spring 2025
WEGMANN Daniel	Science & Medicine	A Large Pedigree of Zebras to Spur Future Research	Spring 2025
GONELLE Carmen	Science & Medicine	Investigating Molecular Mechanisms Impairing Liver Regeneration in the Plt.TGFβ1 Knockout Mice	Spring 2025

Research Pool Supported projects 2024

Researcher	Faculty	Project title	Semester
BELSER Eva Maria	LAW	Under pressure: Local governance in Central Eastern Europe	Autumn 2024
CAMOS Valérie	HUMANITIES	Two mechanisms of maintenance in verbal working memory: Exploration of a new paradigm	Autumn 2024
GEISLER Markus	SCIENCE & MEDICINE	Verification of a dual auxin-brassinosteroid transport activity on ABCBs	Autumn 2024
LATTUADA Marco	SCIENCE & MEDICINE	Molecular Dynamic Simulations of Micelles Formation in Ionic Liquids	Autumn 2024
LEDERMANN Katharina	HUMANITIES	Predicting EEG Activity During Noxious Stimulation Using a Mobile EEG Device in Older Adults with Neuropathic Pain- A Feasibility study	Autumn 2024
SZABO Csaba	SCIENCE AND MEDICINE	Mitigation of cyanide overproduction in nonketotic hyperglycinemia	Autumn 2024
WEISSKOPF Laure	SCIENCE AND MEDICINE	Discovering novel active molecules from actinomycetes and testing their potential for sustainable crop protection	Autumn 2024
COSKUN Ali	SCIENCE AND MEDICINE	Hydrogen recovery device from Fuel Cell purge	Spring 2024
FITAMEN Christophe	HUMANITIES	Attentional resource sharing during a working memory task according to the value of the information to be memorized	Spring 2024
HAZAK Ora	SCIENCE AND MEDICINE	Developing a prototype for next-generation organic herbicides	Spring 2024
ILLIA MANZAN Laura	MANAGEMENT, ECONOMICS AND SOCIAL SCIENCES	Legitimacy-as-deliberation in a multi-stakeholder setting in the age of Artificial intelligence (AI)	Spring 2024
LESAGE Suzanne	HUMANITIES	Quantitative approaches to French intensifiers	Spring 2024
RUFFIEUX Nicolas	HUMANITIES	SUPPORT HIGHER EDUCATION STUDENTS WITH AUTISM WITH THE SDLMI-AHEAD PROGRAM	Spring 2024

Research Pool Supported projects 2024

RUGGI Albert	SCIENCE AND MEDICINE	Supplement to the project “Tumor-on-Chip (ToC) platform incorporating Sensing hydrogel MATrices – correlating microenvironment and response to immunotherapy (SMART-ToC)” approved by Dutch	Spring 2024
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Research Pool Supported projects 2023

Researcher	Faculty	Project title	Semester
BELSER Eva Maria	Law	Federalism and Regional Economic Development - Evidence from Bosnia and Herzegovina, Ethiopia, Iraq and Nepal	Spring 2023
BERTHELE Raphael	Humanities	1) Digital tools in L2 and L3 vocabulary acquisition. A cross-linguistic investigation 2) NCCR evolving language 3) National center of competence in multilingualism	Autumn 2023
BICHSEL Christine	Sciences & Medicine	Teaching relief for the spring semester 2024	Autumn 2023
DENGJEL Jörn	Sciences & Medicine	The role of Tank-binding kinase 1 in wound healing and inflammation	Spring 2023
FONTECEDRO-CURIONI Alessandra	Sciences & Medicine	Establishment of an ultra-high plex imaging workflow on the Cell Dive microscope to study the tumor microenvironment of mesothelioma and lung cancer	Spring 2023
FONTECEDRO-CURIONI Alessandra	Sciences & Medicine	Development of a computational pipeline for the analysis of high dimensional spectral flow cytometry data	Autumn 2023
GLAUSER Dominique	Sciences & Medicine	Molecular and cellular pathways controlling nociception and its plasticity	Autumn 2023
GYGAX Pascal	Humanities	Teaching relief for the management of a SNF and a Weave Projets.	Autumn 2023
HOOGEWIJS David	Sciences & Medicine	Functional characterization of oxygen-binding proteins in evolutionary basal models	Autumn 2023
KURTH Salome	Humanities	ABERRANTsleep: does antibiotic exposure alter sleep and neurodevelopment in the first two years of life?	Spring 2023
OSWALD Steve	Humanities	Pragmatics and argumentation. Research and public outreach	Spring 2023
PLOMB Fabrice	Humanities	La financiarisation de la vie quotidienne. Les opportunités et les risques du processus de financiarisation en Suisse	Spring 2023
RÜEGG Curzio	Sciences & Medicine	A rapid blood test for breast cancer detection	Spring 2023

Research Pool Supported projects 2023

RUGGI Albert	Sciences & Medicine	CORALS: Complexes bearing Redox-Active Ligands for Solar Fuels production	Autumn 2023
SALENTINIG Stefan	Sciences & Medicine	Milk-inspired Biofilm Bacteria Killers	Spring 2023
SCHELKER Mark	Management, Economics and Social sciences	Firm Location and Business Networks in Switzerland since the 1930s	Autumn 2023
SPIERER Lucas	Sciences & Medicine	Digital therapeutics to restore healthy consumptions	Spring 2023
SPRECHER Simon	Sciences & Medicine	Preparation of third-party projects: Cephalopod brain atlas: single cell RNA transcriptomic to identify cell type diversity	Spring 2023

Research Pool Supported projects 2022

Researcher	Faculty	Project title	Semester
BELSER Eva Maria	Law	From external to extremist relations? EU action to address extremism in political dialogue of the Western Balkans	Spring 2022
BRUNETTO Priscilla	Sciences & Medicine	LMOFs thin film for lighting application	Autumn 2022
CHABWINE Joelle	Sciences & Medicine	Effect of acute training on experimental pain response and GABAergic signaling according to intensive regular training and chronic pain contexts: a multiple case study.	Autumn 2022
FAHR Andreas	Management, Economics and Social Sciences	Mood Management in Digital Media Environments	Autumn 2022
GAUTHIER François	Humanities	Islam et superstition. Enquête sur la (mal)chance au sein des communautés musulmanes migrantes. Les cas de Naples, Fribourg et Paris.	Autumn 2022
GIRAUD Marie-Noëlle	Sciences & Medicine	The ACE/AT1 and ACE2/AT2 balance in B. diegensis regeneration and development : an explorative study to develop a new alternative research method to reduce animal experimentation.	Spring 2022
IMBERDORF Sebastian	Humanities	Apokalypse jetzt. Literarische Entwürfe einer hispanischen Welt in der Krise	Spring 2022
KEPPNER Anna	Sciences & Medicine	Linking the newly identified androglobin to ciliary function	
KLUMB Petra	Humanities	Temporary members of health-care units: Blessing or burden?	Autumn 2022
MAJTAN Tomas	Sciences & Medicine	Protein misfolding in homocystinuria: Development of a folding reporter assay, visualization of metabolic imbalance and impact of the treatment	Autumn 2022
MONNEY Claude	Sciences & Medicine	Versatile time-resolved spectroscopies for complex materials	Spring 2022
ROULIN Stéphanie	Humanities	Les chrétien·ne·s de gauche en Suisse alémanique, des « années 68 » aux années 1990	Spring 2022
SAUER Jürgen	Humanities	Zwei Entlastungslehraufträge	Spring 2022

Research Pool Supported projects 2022

SCHMETKAMP Susanne	Humanities	Aesthetics and Ethics of Attention. Subproject: Hermeneutic and Collective Attention	Autumn 2022
SPIERER Lucas	Sciences & Medicine	Specific electrical neuroimaging biomarkers of the immunological Long Covid: a gateway to pathophysiology of cognitive symptoms?	Spring 2022
STALIN Jimmy	Sciences & Medicine	Unraveling the role of endothelial cell MAGI1 in inflammation & Fibrosis	Autumn 2022

Research Pool Supported projects 2021

Researcher	Faculty	Project title	Semester
BELSER Eva Maria	Law	HORIZON EUROPE: Politics and governance in a post-pandemic world Multi-level Governance under Stress (Working Title)	Autumn 2021
BERNHARD Christian	Sciences & Medicine	Heterostructures from Transition Metal Chalcogenides and Oxides	Autumn 2021
BRENNIA Andrea	Sciences & Medicine	Arginase II (ARGII) provokes aging-associated neurodegeneration via ROS accumulation, which promotes Cyclin-Dependent Kinase 5 dysfunctional activity.	Autumn 2021
DASEN Véronique	Humanities	Préparation d'un projet Agora (dépôt 1.9.2021)-La colombe d'Archytas : objets animés, automates et technologie dans le monde antique	Spring 2021
DENGJEL Jörn	Sciences & Medicine	Perturbed homeostasis in fibroblasts from chronic wounds contributes to impaired wound healing	Spring 2021
FAUCHART Emmanuelle	Management, Economics and Social Sciences	Founder social identity formation	Autumn 2021
FEDDERSEN Alexandra	Management, Economics and Social Sciences	(Un)stable messages: Assessing the impact of political parties' changing messages on public opinion	Autumn 2021
FONTANA-LANA Barbara	Humanities	"Mon vote, Ma voix"; soutenir les personnes avec une déficiences intellectuelle dans l'exercice de leurs droits politiques	
GELSHORN Julia	Humanities	Global Realisms	Spring 2021
HERZ Holger	Management, Economics and Social Sciences	ERC Starting Grant 803332 - Behavioral Foundations of Power and Autonomy	Spring 2021
JONIAK Agnieszka	Humanities	BORDERING CHINA: New border dynamics in Asia	Autumn 2021
POGLIA MILETI Francesca	Humanities	Les expériences des jeunes issu·e·s des minorités ethniques, sexuelles et de genre en Suisse : de la construction identitaire à la discrimination	Spring 2021
PRSA Mario	Sciences & Medicine	Identifying the origin of conscious proprioception	Spring 2021

Research Pool Supported projects 2021

RIPPERGER Jürgen	Sciences & Medicine	High time for astrocytes (SPARK project)	Spring 2021
STALIN Jimmy	Sciences & Medicine	Unravelling the protective role of endothelial cell MAGI1 in vascular-dependent inflammation and fibrosis	Autumn 2021
STRACCIA Claudio	Humanities	Better Understanding Adaptive Behavior: assessment, cross-cultural comparison and relationship with cognitive and general functioning in preschoolers with developmental disabilities	Autumn 2021
SZABÓ Csaba	Sciences & Medicine	Cyanide as an endogenous regulatory molecule in mammalian cells : preparation for an ERC grant application	Autumn 2021

Research Pool Supported projects 2020

Researcher	Faculty	Project title	Semester
BACCI Michele	Humanities	Pilgrims Database: The Holy Sites of Venice and Cyprus	Spring 2020
BACHER Swen	Sciences & Medicine	IPBES Global Invasive Species Assessment	Spring 2020
CUDRÉ-MAUROUX Philippe	Sciences & Medicine	Graph-Based Optimizations for Open Research Data	Autumn 2020
DUBOIS Corinne	Management, Economics and Social Sciences	Fostering cooperation through social learning in dynamic social dilemmas	Spring 2020
EMMENEGGER Gregor	Theology	Medienplattform "Glaube und Gesellschaft"	Spring 2020
GEISLER Markus	Sciences & Medicine	"Grow or fight: Dissecting a dual ABC transporter substrate specificity	Autumn 2020
GONZALES MARTINEZ Esther	Humanities	Requesting in hospital nurses unscheduled interprofessional interactions	Autumn 2020
MANTEL Pierre-Yves	Sciences & Medicine	Cell engineered vehicles for drug delivery to SARSCoV-2 infected cells	
MARTIN SÖLCH Chantal	Humanities	Development and feasibility testing of an interactive pilot application for online health-related information searching by cancer	Spring 2020
MUNSCH Simone	Humanities	Correlates of interpersonal emotion regulation problems in Loss Of Control eating (LOC) in youth: a combined questionnaire, laboratory and intervention study	Spring 2020
MUNSCH Simone	Humanities	Correlates of interpersonal emotion regulation problems in Loss Of Control eating (LOC) in youth: a combined questionnaire, laboratory and intervention study	Autumn 2020
PETITPIERRE Geneviève	Humanities	POLYOLF	Spring 2020
PRAZ Anne-Françoise	Humanities	Histoire comparée de la transition du divorce en Suisse 1920-1980	Autumn 2020

Research Pool Supported projects 2020

RAVUSSIN Yann	Sciences & Medicine	Overfeeding induced hypophagia - signals that make us stop eating	Autumn 2020
REINHARDT Didier	Sciences & Medicine	“Promotion of reforestation of endangered argan forests by symbiotic arbuscular mycorrhizal fungi in the UNESCO Biosphere reserve “Arganeraie” in Morocco”.	Spring 2020
SANCHEZ Eric	Humanities	Analyse de données relatives à l'expérimentation d'un learning lab	Autumn 2020
SAUER Jürgen	Humanities	Entlastungslehrauftrag	Autumn 2020
SPIERER Lucas	Sciences & Medicine	Qualification of Neurohab Software as a Medical Device	Spring 2020
STEIN Jens Volker	Sciences & Medicine	Establishing photoconversion to study leukocyte migration in vitro and in vivo	Spring 2020
WALCH Michael	Sciences & Medicine	Caspase death proteases in the control of intracellular bacterial infections	Autumn 2020
WALLIMANN-HELMER Ivo	Sciences & Medicine	Ethical Conflicts between Carbon Dioxide Removal and Food Security	Spring 2020
WICKY Chantal	Sciences & Medicine	Epigenetic programming of glucocorticoid receptor gene in motherchild dyads exposed to intimate partner violence	Autumn 2020
ZIMMERMANN Petra	Sciences & Medicine	Antibiotic-induced disruption of the maternal and infant microbiota and adverse health outcomes – The ABERRANT study	Autumn 2020

Research Pool Supported projects 2019

Researcher	Faculty	Project title	Semester
ABE Jun	Sciences & Medicine	Establishing a platform to exploit CRISPR/Cas9 for optimal cytotoxic immune responses against tumors	Autumn 2019
ALLOA Emmanuel	Humanities	The Making of Transparency	Autumn 2019
BOUSQUENAUD Mélanie	Sciences & Medicine	Characterizing the role of CCN1 in obesity-mediated colorectal cancer	Autumn 2019
BOZZINI David	Humanities	Penser l'Open Data pour les Sciences sociales: Potentialité et limites de l'archivage publique de données ethnographiques	Spring 2019
DENGJEL Jörn	Sciences & Medicine	Biochemische Charakterisierung eines neuen Autophagie Rezeptors	Autumn 2019
DUMAS Christelle	Management, Economics and Social Sciences	Labor markets in rural areas of Tanzania	Autumn 2019
FROMM Katharina	Sciences & Medicine	Development of new battery materials: Cathodes and Electrolytes	Spring 2019
GAUTHIER François	Humanities	From Nation-State to Market. Religious Change in Eastern Europe. The case of Romania and Russia.	
HAUSER Claude	Humanities	La mondialisation des Alpes (1945-1990) Quelle contribution Suisse ?	Autumn 2019
HUNKELER Thomas	Humanities	Histoire littéraire de la Suisse plurilingue (1960-2020)	Autumn 2019
KARFIK Filip	Humanities	Die Entstehung des Pythagoreischen Platonismus an der Schwelle des Hellenismus und Post-Hellenismus: Timaios Lokkos über Platon und die Natur	Autumn 2019
KING Martina	Sciences & Medicine	Raising a Well-Grown Child: Media and Material Cultures of Child Health in the early nineteenth century	Spring 2019
LAUBER-BIASON Anna	Sciences & Medicine	High glucose-sensitive nanocarriers for diabetes treatment	Spring 2019

Research Pool Supported projects 2019

LEDERMANN Katharina	Humanities	Development of a smartphone application for the treatment of chronic pain in older adults -EMMA	Spring 2019
MARTIN SÖLCH Chantal	Humanities	Traditional Amazonian Medicine for Psychosomatic Health: A Pre-Study on Amazonian Medical Usage of Tobacco	Spring 2019
PLOMB Fabrice	Humanities	Economie de la précarité : valuations et évaluations au sein des circuits de commerce des jeunes NEET	Autumn 2019
RASCH Björn	Humanities	Entlastungsbeitrag zum ERC Starting Grant "memo-Dlep" 677875	Spring 2019
SCHWAB Sandra	Interfaculty	Linguistic, cognitive and neural predictors in the ability to discriminate stress contrasts in a second language	Autumn 2019
WEISSKOPF Laure	Sciences & Medicine	Actinomycetes and their metabolites as fungicide alternatives	Autumn 2019

Research Pool Supported projects 2018

Researcher	Faculty	Project title	Semester
ALBRECHT Urs	Sciences & Medicine	Monocarboxylate transporter1 (MCT1) as a gatekeeper for food anticipatory activity	Autumn 2018
ANNONI Jean-Marie	Sciences & Medicine	Motor-Language Interaction in the first and second language	Autumn 2018
CAMOS Valérie	Humanities	CLASS Computational Learning Sciences	Spring 2018
CSABA Szabo	Sciences & Medicine	Role of H2S in the tumor microenvironment	Autumn 2018
DE VIRGILIO Claudio	Sciences & Medicine	Mapping novel genetic interactions within the TORC1 signaling network	Spring 2018
DELALOYE Reynald	Sciences & Medicine	4D4M : 4D Monitoring of Mountain Mass Movements using satellite-borne radar interferometry and Global Navigation Satellite Systems	Autumn 2018
GIRAUD Marie-Noëlle	Sciences & Medicine	Characterization of subpopulations of bone marrow derived stem cell expressing PCSK9: a pilot study	Autumn 2018
HOOGEWIJS David	Sciences & Medicine	Functional role of the novel oxygen-binding protein androbin in various tissues and cancer	
MALI Franz	Theology	Opus imperfectum in Matthaum. Edition critique et traduction annotée	Autumn 2018
MÜLLER-SCHÄRER Heinz	Sciences & Medicine	Developing a climate-driven demographic model for potential biological control insects against a European plant invader	Spring 2018
PLOMB Fabrice	Humanities	L'économie de la précarité. Valuations et évaluations au sein des circuits de commerce des jeunes NEET	Spring 2018
REINHARDT Didier	Sciences & Medicine	Legumes shape genetic structure of their rhizobial symbionts	Autumn 2018
SCHWALLER Beat	Sciences & Medicine	Zebrafish as a model to test the effect of autism-associated genes (Pvalb; Shank3, CNTNA2) and "environmentally-induced" autism (VPA) and to validate treatment strategies	Autumn 2018

Research Pool Supported projects 2018

SURDEZ Muriel	Humanities	L'antibiorésistance comme problème social global. Comparer les stratégies nationales en médecine vétérinaire.	Spring 2018
WEGMANN Daniel	Sciences & Medicine	The Genesis of Europa Slavica - an Ancient DNA Perspektive	Autumn 2018