

# Czech Grantees 2024-2025

Name	Major Discipline	Duration of grant/starting date	Project Title	Home Institution	Home Faculty	Host Institution	Host Faculty
<b>Scholar</b>							
Bažant Jan	Arts / Theater	6m/Feb1	Scale and Balance, Greatness in US	Academy of Performing Arts in	Department of Alternative and	University of Connecticut	Department of Dramatic Arts
Blahůt Jan	Geology	6m/Sept1	Analysis of Thermal-Induced Stresses on the Rock Stability	Academy of Sciences of the	Institute of Rock Structure and	U. S. Geological Survey	
Holtanová Eva	Meteorology	6m/Feb1	Internal climate variability under different forcing	Charles University	Faculty of Mathematics and	Colorado State University	Department of Atmospheric Science
Klika Václav	Mathematics	5m/Feb1	Front Propagation in Non-normal Nonlinear Systems	Czech Technical University in	Department of Mathematics	University of California, Berkeley	Department of Physics
Žák Jiří	Geology	5m/March1	Tracking the assembly of the Earth's oldest supercontinents	Charles University	Faculty of Science	University of Minnesota Twin Cities	Department of Earth & Environmental Sciences
<b>Fulbright - Masaryk</b>							
Bubeníková Kristýna	Zoology	9m/Nov1	The diversity and evolution of genus Torymus in tritrophic interactions with oaks and oak gall wasp communities in North America	Charles University	Faculty of Science	The University of Iowa	Department of Biology
Čejková Lucie	Communications	5m/Sept1	Bridging the Gap Between Academia and the Public: The Relationship of News Media and Conspiracy Thinking	Masaryk University	Faculty of Social Studies	Pennsylvania State University	Department of Film Production & Media Studies
Drábková Marie	Biology	5m/Sept1	Evolution and origin of tongue worms (Pentastomida), enigmatic parasites of vertebrates	University of Hradec Kralove	Faculty of Science	University of Santa Barbara	Department of Ecology, Evolution and Marine Biology
Heřmanová Marie	Communications	3m/Sept15	Gendered disinformation and disinformation about gender on social media	Academy of Sciences of the Czech Republic	Institute of Sociology	University of North Carolina Chapel Hill	Centre for Information Technology and
Hrabovský Jan	Material Science	8m/Nov15	Effect of temperature on optical, structural and luminescence properties of selected materials for photonic applications, detectors and sensors	Charles University	Faculty of Mathematics and Physics	New Mexico State University	Department of Physics
Jandová Kateřina	Environmental Sciences	7m/Oct14	Contribution of geogenic organic carbon to modern carbon cycle and its sensitivity to climate change: a meta-analysis and experiment design	Charles University	Institute for Environmental Studies	Dartmouth College	Department of Biological Sciences
Kocián Jiří	Political Science	5m/Oct23	Post-Populist Political Legitimacy in Central Europe: Radicalization and Polarization in Poland and the Czech Republic	Charles University	Faculty of Social Sciences	Rutgers University	Department of Political Science
Koucká Michaela	Architecture	4m/Nov1	Advancing Blue-Green Infrastructure: Strategies and Implementation in Urban Environments	Koniklec, p. s.	Water Matters Project	University of Portland	School of Engineering
Kundrát Josef	Psychology	5m/Dec15	Trust in Artificial Intelligence: An Empirical Study of Trust Dynamics in AI Interactions	University of Ostrava	Department of Psychology	University of Connecticut	Department of Biomedical Engineering
Malečková Anna	Education	5,5m/Aug15	Competency-Based Learning: Guiding Students Toward Mastery	Charles University	Faculty of Medicine in Pilsen	University of Maryland, Baltimore	Department of Biological Sciences
Němeček Jiří	Material Science	6m/Oct1	Durability assessment of nanoparticle-modified cementitious composites using a non-destructive electrical method correlated with mechanical tests	Czech Technical University	Faculty of Civil Engineering	The University of Texas at Arlington	Center for Advanced Construction Materials
Novotný Václav	Transportation	3m/Sept1	Transferability of Transportation Planning and Innovative Measures from New York to Prague	Institute of Planning and Development of the		Regional Plan Association	
Řezáč Karel	Physics	9m/Sept1	The Impact of the Outer Plasma Shell on Gas-Puff Z-Pinch Implosion at a Mid-Scale Facility	Czech Technical University in Prague	Faculty of Electrical Engineering	University of Michigan	Plasma, Pulsed Power, & Microwave Lab
Satranský Matěj	Agriculture	5m/Oct1	Harnessing Rye's Allelopathy for Sustainable Crop Protection and Weed Management	Czech University of Life Sciences	Faculty of Agrobiological, Food and Natural	North Carolina State University	Department of Crop and Soil Sciences
Schierreich Šimon	Computer Science	6m/Aug19	Fairness, Equality, and Diversity in Algorithmic Decision Making: A Perspective of Computational Complexity	Czech Technical University in Prague	Faculty of Information Technology	Pennsylvania State University	College of Information Sciences and Technology
Stránský Ondřej	Engineering	7m/Aug26	Enhancing the fatigue life of L-PBF printed parts by Laser Shock Peening	Academy of Sciences of the	Institute of Physics	University of Memphis	Mechanical Engineering
Veselská Tereza	Bioinformatics	10m/Aug15	Using genomics to understand how fungal symbionts evolve and adapt to their hosts.	Academy of Sciences of the Czech Republic	Institute of Microbiology	Indiana University Bloomington	Department of Biology
<b>MasarykNGO</b>							
Páleníčková Nikola	Communications	3m/Apr1	Enhancing Film Festival Accessibility: Exchange of Experience and Forming Future Collaborations	People in Need		Full Spectrum Features, Chicago	
<b>Student</b>							

Filippi Lukáš	ArtEducation	4m/Aug26	Falsetto/M2 exercises as a Main Tool for Structuring Male Singing Voice: Legacy of Anthony Frisell in American Higher Education System	Charles University	Faculty of Education	The University of Texas at San Antonio	School of Music
Novotný Kryštof	Acoustics	4m/Oct21	Research on Prodromal Diagnosis and Monitoring of Lewy Body Dementia Utilizing Digital Speech and Voice Biomarkers	Brno University of Technology	Faculty of Electrical Engineering and Communication	Johns Hopkins University	Electrical and Computer Engineering Department
Plíštilová Tereza	International Relations	5m/Sept2	Quantitative methodologies and a regional focus on the Middle East	Charles University	Faculty of Social Sciences	Princeton University	Department of Politics
<b>SUSI</b>							
Dražkovičová Denisa	Chemistry	5w/Jun26	Institutes for European Student Leaders	University of Pardubice	Faculty of Chemical		Michigan State University