

Computer Science

Interdisciplinary Research Topics for Ph.D. students

1. **Computational models of natural language**
(historical linguistics, computer science, socio-human sciences)
2. **Computational text processing**
(computer science, linguistics, psychology, sociology, journalism)



Research Interests

- Computational Linguistics
- Natural Language Processing
- Digital Humanities
- Information Processing

Liviu P. DINU

Professor
Faculty of Mathematics and
Computer Science
University of Bucharest

Email:

liviu.p.dinu@unibuc.ro

Computer Science

Interdisciplinary Research Topics for Ph.D. students

- 1. Computing the genomic distances**
(computer science/ genetics/ biochemistry)
- 2. Computational models inspired from biology**
(computer science/ biology/ genetics/ biochemistry)
- 3. Modelling, design and analysis of self-assembly systems**
(computer science/ biology/ genetics/ biochemistry)



Research Interests

- Theory of computation
(formal language theory, computability, classic and unconventional models of computation, computational and descriptonal complexity, parallel and distributed computing)
- Bio-inspired computing
(DNA recombination, theoretical models and experiments, splicing systems, solving problems with DNA-based algorithms, computational models based on bio-operations, language-theoretical models of the genome evolution, structural linguistics of nucleic acids, membrane computing, computing with tissues, network of bio-inspired processors)
- Combinatorics on words
(finite and infinite sequences, data structures and algorithms on words, DNA sequence analysis, subword complexity)
- Natural language processing
(parsing, mathematical developments and applications, pattern interpretation, tree-controlled grammars)

Victor MITRANA

Professor
Faculty of Mathematics and
Computer Science
University of Bucharest

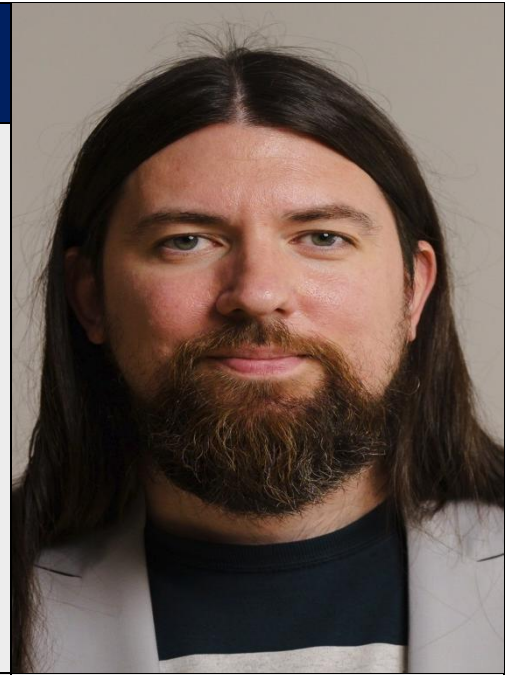
Email:

mitrana@fmi.unibuc.ro

Computer Science

Interdisciplinary Research Topics for Ph.D. students

1. Sensor Fusion for Precise Localization with Artificial Intelligence
2. Data Driven Fault Detection and Isolation in Water Distribution Networks
3. Long-term Analysis of Satellite Data for Surface Water Anomalies in Romania



Research Interests

- Anomaly Detection
- Signal Processing
- Numerical Algorithms and Optimization

PAUL IROFTI

Associate Professor

Faculty of Mathematics and
Computer Science
University of Bucharest

Email:

paul.irofti@fmi.unibuc.ro

Physics

Interdisciplinary Research Topics for Ph.D. students

- 1. Self-assembling nanotechnology of synergetic pinning centers in high-critical temperature superconducting films grown by Pulsed Laser Deposition**
(condensed matter physics, superconductivity, materials physics, materials chemistry, nanotechnology)
- 2. Nanoscale superconducting/magnetic hybrids for complex functionalities and long-range magnetic vortex pinning**
(condensed matter physics, superconductivity, materials physics, materials chemistry, nanotechnology)
- 3. Fabrication, structural, electric, magnetic and mechanic properties of magnesium diborate-based nanocomposites**
(condensed matter physics, superconductivity, materials physics, powder metallurgy, materials chemistry, nanotechnology)
- 4. Vortex matter, dynamics and pinning in multi-component superconductors**
(condensed matter theory, solid state physics, mathematical modeling and simulations, superconductivity materials physics, materials chemistry, nanotechnology/ crystal growth)



Adrian CRIȘAN

Research Interests

- Condensed Matter Physics: interplay between superconductivity and magnetism, hybrid structures, macroscopic quantum coherence
- Superconductivity and Superconducting Materials: fabrication and study of various superconducting systems in various shapes/morphologies
- Multicomponent superconductivity, vortex matter, dynamics and pinning: theoretical approaches, simulations and experiments
- Nanotechnology of pinning centers in superconducting materials
- Superconducting composites: electric, magnetic and mechanical properties

Senior Scientist I
National Institute of Material
Physics

Email:

acrisan652@gmail.com

Physics

Interdisciplinary Research Topics for Ph.D. students

In order to choose a research topic please contact Prof.
Virgil BĂRAN



Research Interests

Theoretical physics

- Study of quantum correlations using the Wigner transformation
- Dynamics of collective motions in atomic nuclei and metallic clusters in transport models based on the Landau-Vlasov equation
- Classical and quantum chaotic dynamics in Hamiltonian systems
- Study of the interaction of helical light with mesoscopic systems
- Evolution of quark and gluon plasma at ultrarelativistic energies
- Spontaneous breaking of chiral symmetry in quark droplets
- Fluctuations and correlations in complex systems

Virgil BĂRAN

Professor
Faculty of Physics
University of Bucharest

Email:

virgil.baran@unibuc.ro

Physics

Interdisciplinary Research Topics for Ph.D. students

- 1. Separating anthropogenic from natural climate variability**
(physics/mathematics/chemistry)
- 2. Mechanisms of abrupt climate changes**
(physics/mathematics/chemistry)
- 3. Causal relationships inferred from time series analyzes**
(physics/mathematics/economics/biology)
- 4. Climate–economics interactions**
(physics/mathematics/economics)



Research Interests


- Modes of interannual to millennial climate variability
- Dynamics of the Thermohaline Circulation
- Mechanism of glacial/interglacial cycles

Mihai DIMA

Professor
Faculty of Physics
University of Bucharest

Email:

mihai.dima@unibuc.ro

Physics	
<p style="text-align: center;">Interdisciplinary Research Topics for Ph.D. students</p> <ol style="list-style-type: none"> 1. Nanosystems for quantum and optical computing 2. Applications of metasurfaces in imaging 3. Applications of optical vortices and plasmonic systems as sensors 	
<p style="text-align: center;">Research Interests</p> <ul style="list-style-type: none"> • Phase space characterization methods in optics and quantum mechanics • Physics and applications of nanostructures. Charge transport • Surface plasmon polaritons. Applications • Propagation of optical vortices • Classical optics-nanostructures analogies 	<p>Daniela DRAGOMAN</p> <hr/> <p>Professor Faculty of Physics University of Bucharest</p> <hr/> <p>Email: daniela@solid.fizica.unibuc.ro</p>

Physics

Interdisciplinary Research Topics for Ph.D. students

- 1. Catalytic and photocatalytic properties of ferroelectric surfaces**
(physics/ chemistry)
- 2. Novel materials for electric and magnetic hyperthermia of malign tumors**
(physics/ biology)
- 3. Tailoring biosensing properties by interface interactions**
(physics/ chemistry/ biology)



Research Interests

- Ferroelectric thin films; molecular reactions of ferroelectric surfaces; catalytic and photocatalytic properties of ferroelectric surfaces
- Band bending at free ferroelectric surfaces and at Schottky contacts
- Diluted magnetic semiconductors
- Magnetic metal / semiconductor heterostructures
- Multiferroic heterostructures
- Interfaces between graphene and insulators or ferroelectrics
- Doped TiO₂ photocatalysts for air and water decontaminations
- Nanoparticles with biological applications (core-shell systems, iron oxide nanoparticles)
- Positron annihilation-induced Auger electron spectroscopy

**Cristian
TEODORESCU**

CS I Dr. Abil.
National Institute of Material
Physics

Email:
teodorescu@ifim.ro

Chemistry

Interdisciplinary Research Topics for Ph.D. students

In order to choose a research topic please contact Prof.
Marius ANDRUH



Research Interests

Chemistry of polynuclear coordination compounds:

- ❖ Homo- and heteropolynuclear complexes
- ❖ Metallosupramolecular Chemistry
- ❖ Crystal Engineering.
- ❖ Magnetic properties of polymetallic complexes

Marius ANDRUH

Professor emeritus

Romanian Academy

Email:

Email: marius.andruh@acad.ro

Chemistry

Interdisciplinary Research Topics for Ph.D. students

1. **MAX phase MX-enes as heterogeneous catalysts**
chemistry, physics
2. **Photocatalysis: water splitting, CO₂ reduction**
chemistry, physics
3. **Energy applications** (chemistry, physics):
 - **fuel cells (electrocatalysts for OER, HOR, ORR reactions)**
 - **solar cells (design of organo-inorganic halide perovskite).**



Research Interests

- Design of materials for modern catalysis
- Energy applications

Mihaela FLOREA

Scientific Researcher I

National Institute for
Materials Physics

Email:

mihaela.florea@infim.ro

Chemistry

Interdisciplinary Research Topics for Ph.D. students

- 1. Synthesis of luminescent molecules and investigation of their emission**
(chemistry/ physics)
- 2. Molecular probes for monitoring biological processes**
(chemistry/biology)
- 3. Dynamic molecules as switches**
(chemistry/physics)



Research Interests

- Multi-step organic synthesis
- Bioorganic chemistry
- Supramolecular chemistry

Mihaela MATACHE

Associate Professor
Faculty of Interdisciplinary
Studies
University of Bucharest

Email:

mihaela.matache@g.unibuc.ro

Chemistry

Interdisciplinary Research Topics for Ph.D. students

1. ***In-cell* and *in-vitro* enzymatic transformations of endogenous molecules: effects of high dose-rate radiation**
(Physics/Biology)
2. **Hyperpolarised molecular imaging with optimised biomarkers**
(Physics/Chemistry/Medicine)
3. **Metabolomics analysis of the response to high dose-rate radiation**
(Biology/Physics)
4. **Long-lived coherences and related states; water interaction with biomolecules for structural biology and imaging**
(Biology)
5. **In-silico modelling of protein structures**
(Biology/Physics)



Research Interests

- Molecular and structural biology
- Spectroscopy
- Radiology

Paul VASOS

Professor
Interdisciplinary School of
Doctoral Studies
University of Bucharest

Email:

Paul.Vasos@eli-np.ro

Biology

Interdisciplinary Research Topics for Ph.D. students

1. **Role of Transient Receptor Potential (TRP) channels in painful photosensitivity in human genetic diseases**
(Biochemistry/Medicine)
2. **Modulation of temperature-sensitive TRP channels by inflammatory mediators**
(Biochemistry/Cell Biology)
3. **TRP channels involved in the cellular response to the hepatitis B virus**
(Biochemistry/Virology)



Research Interests

- Sensory Neurophysiology
- Transient Receptor Potential channel
- Physiology and pharmacology

Alexandru BABEȘ

Professor
Faculty of Biology
University of Bucharest

Email:

alexandru.babes@bio.unibuc.ro

Biology

Interdisciplinary Research Topics for Ph.D. students

- 1. Identification of small molecules' cell targets using chemo-genomic screens**
(Molecular Biology/Biochemistry/Organic Chemistry)
- 2. Directional synthesis of oligopeptides using cell surface display techniques**
(Biotechnology/Biochemistry/Organic Chemistry)
- 3. Cell factories for clonable nanoparticles**
(Biotechnology/Bioinorganic Chemistry/Physics)



Research Interests

- Biochemistry and Molecular Biology
- Biotechnology
- Biological Chemistry

Ileana FĂRCĂȘANU

Professor, Habil, Dr.
Faculty of Chemistry
University of Bucharest

Email:

ileana.farcasanu@chimie.unibuc.ro

Biology

Interdisciplinary Research Topics for Ph.D. students

1. Reservoirs of virulence and antibiotic resistance in clinical sector and environment
2. Host-infectious agent interrelationships and roles of microbiota in various pathologies
3. Rapid microbiological diagnostic methods
4. New antimicrobial strategies with applications in biomedical field and ecology



Research Interests

- Microbiology
- Immunology

**Mariana Carmen
CHIFIRIUC**

Professor
Faculty of Interdisciplinary Studies
University of Bucharest

Email:

carmen.chifiriuc@unibuc.ro

Biology

Interdisciplinary Research Topics for Ph.D. students

In order to choose a research topic please contact Prof.
Dan MIHĂILESCU



Research Interests

- Molecular modeling, QSAR analysis, THz spectroscopy applications, bovine serum albumin interactions, and computational mutagenesis

Dan MIHĂILESCU

Professor
Faculty of Biology
University of Bucharest

Email:

d.f.mihailescu@gmail.com

Biology

Interdisciplinary Research Topics for Ph.D. students

- 1. Hedgehog (Hh), Wnt and TGF β signaling pathways**
(chemical biology, biochemistry, cell biology, structural biology)
- 2. Understanding the mechanisms by which RNA coopt factors inside the infected cell to support viral replication and to evade detection by innate immunity**
(biology, biochemistry)
- 3. Novel methods for microscopic visualization and mass spectrometric analysis of various biological molecules**
(biology, biochemistry, chemistry)



Research Interests

- Cell-cell signaling
- Viral cell biology
- Building chemical tools for biological research

Adrian ŞALIC

Professor
Department of Cell Biology,
Harvard Medical School

Email:

asalic@hms.harvard.edu

Geology

Interdisciplinary Research Topics for Ph.D. students

- 1. Geological and paleontological heritage of the South Carpathians: assessment and conservation**
(geology, governance)
- 2. Imesozoic Terrestrial palaeoecology of the South Carpathians**
(geology, biology)



Research Interests

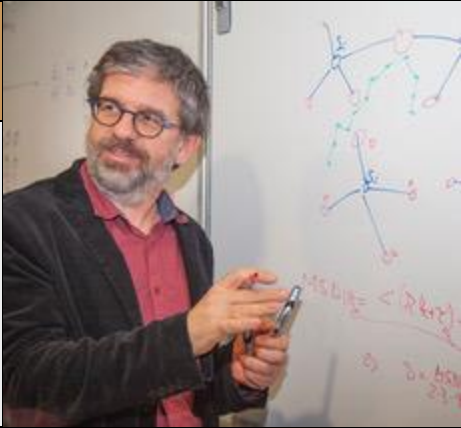
- Paleobotany
- In situ Palynology
- Terrestrial palaeoecology
- Coal Geology

Mihai Emilian POPA

Professor
Faculty of Geology and
Geophysics
University of Bucharest

Email:

mihai@mepopa.com

<h1>Geology</h1>	
<h2>Interdisciplinary Research Topics for Ph.D. students</h2>	
<p style="text-align: center;">Research Interests</p> <ul style="list-style-type: none"> • Computational mineralogy applied to a wide range of topics in planetary mineralogy, going from the supercritical state that dominated the protolunar disk, to the internal structure of exoplanets. • Physical and chemical transformations due to large and giant impacts; shock physics • Formation and evolution of the Earth's primordial atmosphere, hydrosphere, and crust • What conditions planets must fulfill to ensure the transition from prebiotic to biotic chemistry 	<h2>Răzvan CARACAȘ</h2>
	<p>Professor</p> <p>Research Institute of the University of Bucharest</p>
	<p>Email:</p> <p>razvan.caracas@icub.unibuc.ro</p>

Geology

Interdisciplinary Research Topics for Ph.D. students

In order to choose a research topic please contact Prof. Victor MOCANU



Research Interests

Victor MOCANU

Professor

Faculty of Geology and
Geophysics
University of Bucharest

Email:

victor.mocanu@unibuc.ro

Geography

Interdisciplinary Research Topics for Ph.D. students

1. Integrated Water Resources Management
2. Hydrological regionalization
3. Security of water resources



Research Interests

- Water resources
- Water management

Daniel DIACONU

Associate Professor
Faculty of Geography,
University of Bucharest

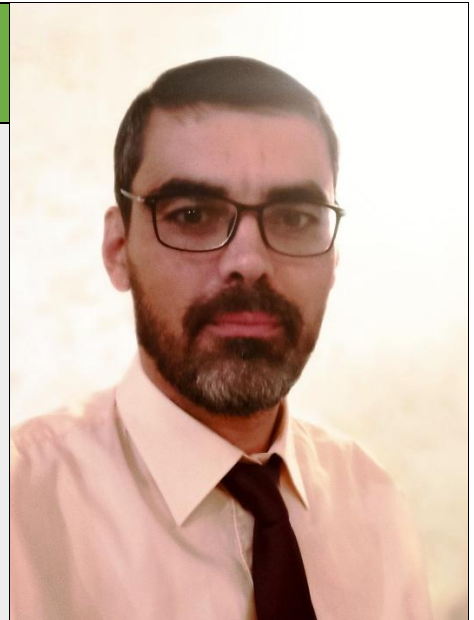
Email:

ddcwater@yahoo.com

Geography

Interdisciplinary Research Topics for Ph.D. students

1. Structural dynamics of local economy
2. The role of tourism in developing the adaptive capacity of territorial systems
3. The role of tourism in integrated economic development



Research Interests

- Tourism Geography
- Integrated Analysis and Territorial Management

Cristian DRĂGHICI

Associate Professor
Faculty of Geography
University of Bucharest

Email:

cristian.draghici@geo.unibuc.ro

Geography

Interdisciplinary Research Topics for Ph.D. students

1. Territorial management and structural crises
2. Interdisciplinary approach to structural crisis
3. Interdisciplinary analysis of functional ruptures in complex systems



Research Interests

- Territorial systems
- Management of territorial systems
- Emerging space structures

Daniel PEPTENATU

Professor
Faculty of Interdisciplinary
Studies
University of Bucharest

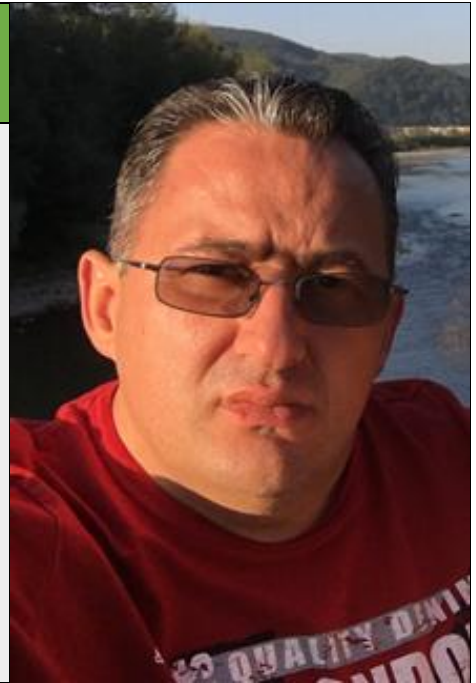
Email:

daniel.peptenatu@geo.unibuc.ro

Geography

Interdisciplinary Research Topics for Ph.D. students

1. Entrepreneurship and integrated local development in the field of Tourism
2. Influence (Role) of Tourism on the economy of different areas
3. Types/Forms of tourism – current development and trends



Research Interests

- Natural/anthropogenic resources and tourism
- Integrated development, sustainable and alternative tourism
- Relation tourism activities/protected areas

Radu-Daniel PINTILII

Associate Professor
Faculty of Geography,
University of Bucharest

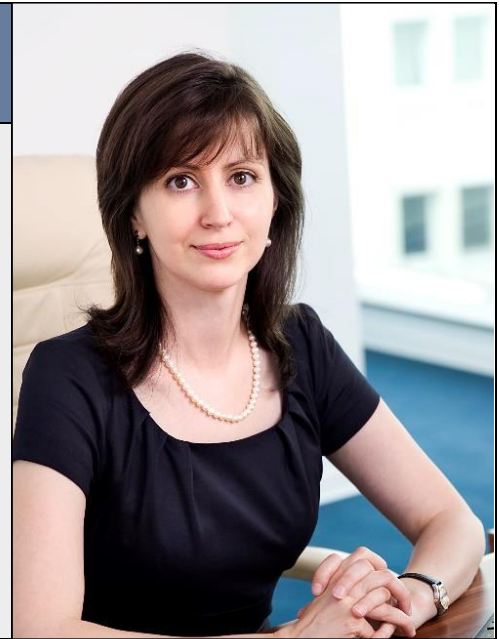
Email:

radu.pintilii@geo.unibuc.ro

Law

Interdisciplinary Research Topics for Ph.D. students

1. Regulating disruptive technologies
2. Regulating human interaction in challenging times
3. Interdisciplinary perspective on bona fide
4. Resolving disputes by means of negotiation



Research Interests

- Economic theory of law / Law of economics
- Negotiation and dispute resolution
- Competition
- Ethics and legal studies
- Legal language

Adriana ALMĂȘAN

Professor
Faculty of Law
University of Bucharest

Email:

adriana.almasan@drept.unibuc.ro

Law

Interdisciplinary Research Topics for Ph.D. students

1. Evolutions regarding the institution of recognition in International Law
2. The definition of the crime of terrorism in International Law



Research Interests

- Public International Law, including International Organizations, International Jurisdictions (Courts and Tribunals), International Law of Minority Protection

Bogdan AURESCU

Professor
Faculty of Law
University of Bucharest

Email:

bogdan.aurescu@drept.unibuc.ro

Law

Interdisciplinary Research Topics for Ph.D. students

- 1. Constitutionalisation of civil law**
(legal & political studies)
- 2. Soft law in constitutional law**
(legal & political & cultural studies)
- 3. Legal recognition of same-sex couples**
(legal & political & cultural studies)



Research Interests

- Legal studies, Constitutions, Comparative law
- Human rights, protection of fundamental rights
- EU legal system
- Political systems and institutions, governance

**Elena Simina
TĂNĂSESCU**

Professor
Faculty of Law
University of Bucharest

Email:

[simina-
elena.tanasescu@drept.unibuc.ro](mailto:simina-elena.tanasescu@drept.unibuc.ro)

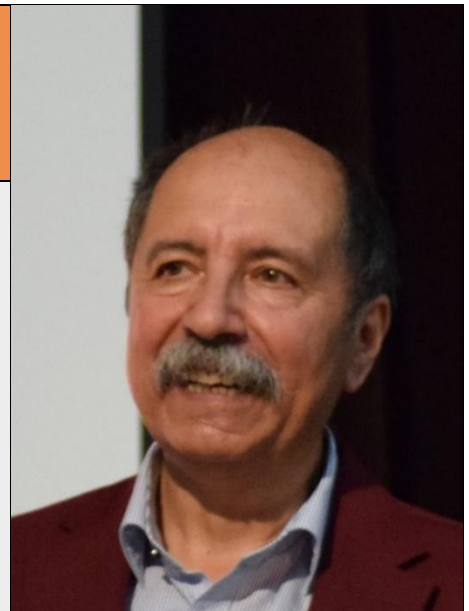
Journalism and Communication Studies

Interdisciplinary Research Topics for Ph.D. students

1. **Media (and popular culture) and religion; media (and popular culture) and myth; media (and popular culture) and ritual; media (and popular culture) and archetypes**
2. **Media and politics (especially in emerging democracies)**

Research Interests

- Media anthropology & Cultural anthropology
- Media studies (Sociology of the journalists, Media and the public sphere, Media and post-totalitarian transition)
- Media and religion



Mihai COMAN

Professor Emeritus
Faculty of Journalism and
Communication Studies
University of Bucharest

Email:

mcoman53@gmail.com

Journalism and Communication Studies

Interdisciplinary Research Topics for Ph.D. students

1. Gender, politics and new media
2. Multimodality, Advertising, Linguistics



Research Interests

- Gender Studies: women in media, women in academia, women in politics
- Discourse Analysis: Media Discourse Analysis
- General Semiotics and Semiotics of Advertising

Daniela FRUMUȘANI

Professor Emerita
Faculty of Journalism and
Communication Studies
University of Bucharest

Email:

danifrumusani@yahoo.com

Communication Studies

Interdisciplinary Research Topics for Ph.D. students

1. Media economics
2. Cultural industries
3. Regulations and self-regulation



Research Interests

- Neo-institutionalism and sociology of culture
- Sociology of culture

Raluca-Nicoleta RADU

Professor

Faculty of Journalism and
Communication Studies
University of Bucharest

Email:

raluca.radu@fjsc.ro

Sociology

Interdisciplinary Research Topics for Ph.D. students

- 1. Multidimensionality of social life**
(sociology/philosophy/political science)
- 2. Construction of "otherness" in social sciences, in social lives**
(sociology/philosophy/anthropology/cultural studies)
- 3. Post humanism/the material turn in social science**
(sociology/philosophy/technology studies)



Research Interests

- Gender/gender dimension of social institutions
- Sexism-towards an updated taxonomy of sexism/gender discrimination
- Everyday life
- Surveillance society

Laura GRÜNBERG

Professor
Faculty of Sociology and Social
Work
University of Bucharest

Email:

laura.grunberg@sas.unibuc.ro

Sociology

Interdisciplinary Research Topics for Ph.D. students

- 1. Applications of network science to social research topics**
(sociology/physics)
- 2. Network analysis and public health**
(sociology/medicine)
- 3. Human collaboration systems**
(sociology/computer science/physics/ethics)
- 4. Organizational studies**
(sociology/economy)
- 5. Human mobility**
(sociology/geography)



Research Interests

- Assortativity in human networks
- Complex networks and public health interventions
- The social organization of science
- Organizational performance and productivity
- Human migration and circulation of remittances

**Marian-Gabriel
HÂNCEAN**

Professor
Faculty of Sociology and Social
Work
University of Bucharest

Email:

gabriel.hancean@sas.unibuc.ro

Sociology

Interdisciplinary Research Topics for Ph.D. students

In order to choose a research topic please contact Prof.
Marian PREDA



Research Interests

- Social and demographic risks related to Roma ethnic minority, elderly, children at risk

Marian PREDA

Professor
Faculty of Sociology and Social
Work
University of Bucharest

Email:

marian.preda@unibuc.ro

Sociology

Interdisciplinary Research Topics for Ph.D. students

- 1. Digital ageism and sexism; algorithmic discrimination**
(sociology/computer science)
- 2. Digital technologies, science, literature and alternative forms of knowledge – from astrology to homeopathy**
(sociology/medicine/history of literature)



Research Interests

- Sociology of digital technologies
- Algorithmic discrimination
- Lay expertise and crowd knowledge
- Gender
- Ageism

Cosima RUGHINIȘ

Professor
Faculty of Sociology and Social
Work
University of Bucharest

Email:

cosima.rughinis@sas.unibuc.ro

Sociology

Interdisciplinary Research Topics for Ph.D. students

1. The weaponization of information in 21st century
2. Democratic governance of the military in Eastern Europe



Research Interests

- Civil-military relations
- Security studies
- Public policy

Marian ZULEAN

Professor
Faculty of Interdisciplinary
Studies
University of Bucharest

Email:

marian.zulean@faa.unibuc.ro

Sociology

Interdisciplinary Research Topics for Ph.D. students

In order to choose a research topic please contact Prof.
Dumitru SANDU



Research Interests

- migration, development and identities; regional-community development; public opinion research; social stratification; social data analysis

Dumitru SANDU

Professor
Faculty of Sociology and Social
Work
University of Bucharest

Email:

dumitru.sandu@gmail.com

Political Science

Interdisciplinary Research Topics for Ph.D. students

- 1. Analysis of design, structure, implementation, evaluation of public policies strategies**
(economics & political science & sociology & history & administrative sciences)
- 2. Studies of the institutional designs and political-economic doctrines advancing alternatives to capitalism and democracy as well as the evaluation of historical performance of systems based on them**
(political economy & sociology & history & administrative sciences)
- 3. Knowledge processes, uncertainty, ignorance, information and disinformation in governance systems, democratic and international politics, and comparative strategy**
(economics & political science & sociology & history & administrative sciences)
- 4. Studies of the nature, functions, conditions and impact of public, political and social forms of entrepreneurship**
(economics & sociology & history & political science & public administration)

Research Interests

- Theories of Governance and Administration: institutional analysis of polycentric, decentralized and autocratic, centralized systems
- Comparative Economic Systems – economic calculation, feasibility, and performance
- Public Choice and Collective Action – institutional design and constitutional political economy
- Social and Political Philosophy – normative analysis; ethics and responsibility in public and private governance
- New Institutionalism – theories and applications



Dragoș ALIGICĂ

Professor
George Mason University
Faculty of Interdisciplinary
Studies
University of Bucharest

Email:

dragos.aligica@faa.unibuc.ro

Political Science

Interdisciplinary Research Topics for Ph.D. students

1. Religion, law and society
2. Ethics and politics in the European context
3. Comparative constitutional law /Comparative politics



Research Interests

- European public sphere: key actors
- Citizenship and the protection of national minorities
- State – Church Law in the EU Member States
- EU governance, human rights, rule of law
- Democracy under threat: populist parties, movements and leaders

Radu CARP

Professor
Faculty of Political Science
University of Bucharest

Email:
radu.carp@fspub.unibuc.ro

Political Science

Interdisciplinary Research Topics for Ph.D. students

- 1. Meta-theoretical approaches on International Relations**
(political science/philosophy)
- 2. European Union foreign policy**
(political science/European Union studies/international relations)
- 3. Consumer decision and behavior**
(political science/European Union studies/international relations/political philosophy)



Research Interests

- International Politics
- Theories of International Relations
- Foreign Policy Analysis
- European Union Politics

Ruxandra IVAN

Professor
Faculty of Political Science
University of Bucharest

Email:

ruxandra.ivan@fspub.unibuc.ro

Psychology

Interdisciplinary Research Topics for Ph.D. students

1. Digital health technologies in mental & public health
2. Computational linguistics & mental health
3. Socioeconomic decision making
4. Human & agent factors in Human-Computer Interactions (including social media, games & human AI interaction)
5. Integrating Digital Health Technologies in the Psychosocial Support of Cancer Survivors and/or other chronic conditions
6. Cognitive errors, decision making and mental health in the workplace: An interdisciplinary view
7. Irrational and biases processes: Typical vs. maladaptive thinking
8. Cognitive and Emotional Resilience of Cancer Survivors and Their Caregivers



Research Interests

- Cognitive errors and biases
- (Digital) mental health
- Natural language processing
- Cognitive Clinical Sciences
- Meta-research in social sciences
- Memory, attention, & Decision-making processes
- Cancer survivorship
- Irrational thinking processes
- Human-computer interaction

Ioana PODINA

Associate Professor
Faculty of Psychology and
Education Sciences,
University of Bucharest

Email:

ioana.podina@fpse.unibuc.ro

Psychology

Interdisciplinary Research Topics for Ph.D. students

1. **IT applications in assessment of psychological constructs**
(psychology/mathematics/informatics)
2. **Computerized interventions in mental health**
(life sciences/medicine/biology)
3. **Consumer decision and behavior**
(economy/energy/environment)
4. **Applications of computational linguistics in psychological assesment**
(psychology/linguistics/mathematics)



Research Interests

- Psychological and behavioral testing and assessment
- Cross-cultural adaptation of assessment methods and instruments
- Work, industrial and organizational psychology
- Organizational and occupational health

Dragoș ILIESCU

Professor
Faculty of Psychology and
Education Sciences,
University of Bucharest

Email:

dragos.iliescu@fpse.unibuc.ro

Education Sciences

Interdisciplinary Research Topics for Ph.D. students

- 1. Innovative Pedagogies in Higher Education**
(education sciences/psychology)
- 2. Policy Interventions in Higher Educations**
(education sciences/psychology)



Research Interests

- Education Policy: process analysis, evidence-based interventions, behavioral change
- Learning and Behavioral Change
- Digital Transformation in Higher Education

Lucian CIOLAN

Professor
Faculty of Psychology and
Education Sciences
University of Bucharest

Email:

lucian.ciolan@unibuc.ro

Education Sciences

Interdisciplinary Research Topics for Ph.D. students

In order to choose a research topic please contact Prof.
Romiță IUCU



Research Interests

- Educational policies in the higher education area, higher education pedagogy and teacher education policies

Romiță IUCU

Professor
Faculty of Psychology and
Education Sciences
University of Bucharest

Email:

romita.iucu@unibuc.ro

Education Sciences

Interdisciplinary Research Topics for Ph.D. students

In order to choose a research topic please contact Prof.
Liviu MATEI



Research Interests

- Higher Education Policy.
- Higher Education Governance.
- Academic Freedom - Fundamental Values of Higher Education.
- Internationalization of Higher Education.
- Funding of Higher Education.
- Quality Assurance in Higher Education.
- Higher Education Access and Participation.

Liviu MATEI

Professor
School of Education,
Communication & Society King's
College London

Email:

liviu.matei@kcl.ac.uk

Cultural Studies

Interdisciplinary Research Topics for Ph.D. students

- 1. Secularization and the pluralization of attitudes towards “religion” from early modernity to the present**
(literary, visual, cultural studies, history, philosophy, sociology of culture)
- 2. Terrorism and symbolic violence in comparative perspective Human capital in modern and post-modern societies**
(literary, visual, performance-studies, history, political theory, cultural anthropology, history)



Research Interests

- The interdisciplinary and comparative research of crime narratives
- Reason-emotion interaction and hybridity in literature and arts
- European cultural policies

Caius DOBRESCU

Professor
Faculty of Letters
University of Bucharest

Email:
caius.dobrescu@gmail.com

Cultural Studies

Interdisciplinary Research Topics for for Ph.D. students

- 1. State-Church Relationship**
(theology, history, political science, classical studies)
- 2. Byzantine Imperial Ideology**
(history/theology)
- 3. *Orthodoxa Confessio fidei*, 15th through 18th century**
(theology/history)
- 4. Inter-Christian Dialogues**
(history/theology)



Research Interests

- Relationship between State and Church
- Byzantine Imperial Ideology

**Ionuț-Alexandru
TUDORIE**

Professor

St. Vladimir's Orthodox
Theological Seminary, New
York

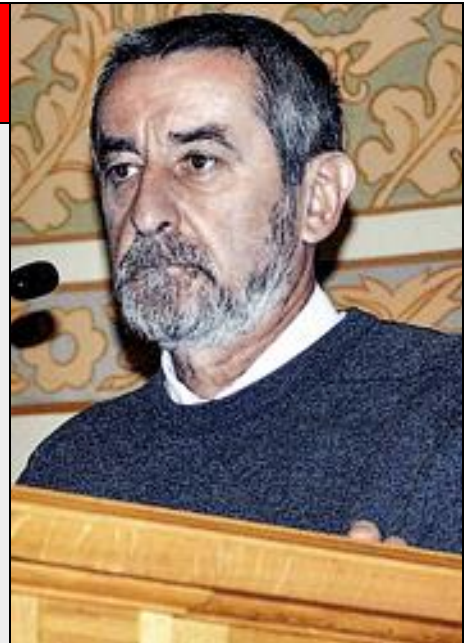
Faculty of Interdisciplinary
Studies University of Bucharest

Email: IAudorie@svots.edu

Philology

Interdisciplinary Research Topics for Ph.D. students

In order to choose a research topic please contact Prof.
Emil IONESCU



Research Interests

Emil IONESCU

Professor
Faculty of Letters
University of Bucharest

Email:

emil.ionescu@litere.unibuc.ro

Philology

Interdisciplinary Research Topics for Ph.D. students

1. Theoretical and comparative syntax
2. Language and cognition



Research Interests

- Theoretical syntax
- Comparative syntax (Romance languages, Balkan languages)
- Diachronic syntax
- Language and cognition

Alexandru NICOLAE

Associate Professor
Faculty of Letters
University of Bucharest

Email:

alexandru.nicolae@unibuc.ro

Philology

Interdisciplinary Research Topics for Ph.D. students

In order to choose a research topic please contact Prof.
Liviu PAPANIMA



Research Interests

Liviu PAPANIMA

Professor
Faculty of Letters
University of Bucharest

Email:

lpapadima@yahoo.com

Philology

Interdisciplinary Research Topics for Ph.D. students

In order to choose a research topic please contact Prof.
Rodica ZAFIU



Research Interests

- Grammar, grammaticalization, language history, stylistics, sociolinguistics, rhetoric, pragmatics

Rodica ZAFIU

Professor
Faculty of Letters
University of Bucharest

Email:

rodica.zafiu@litere.unibuc.ro

Philology

Interdisciplinary Research Topics for Ph.D. students

In order to choose a research topic please contact Prof. Ioana MIHĂILĂ



Research Interests

- Supporting and promoting the values of Francophonie in the Romanian and foreign academic environment

Ioana MIHĂILĂ

Professor
Faculty of Foreign Languages
and Literatures
University of Bucharest

Email:

: ileanamihaila59@gmail.com

Philosophy

Interdisciplinary Research Topics for Ph.D. students

In order to choose a research topic please contact Prof.
Mircea DUMITRU



Research Interests

- Philosophical Logic (especially Modal Logic)
- Philosophy of Language
- Analytic Metaphysics of Modality
- Philosophy of Mind and Consciousness

Mircea DUMITRU

Professor
Faculty of Philosophy,
University of Bucharest

Email:

mircea.dumitru@unibuc.ro

History

Interdisciplinary Research Topics for Ph.D. students

1. **Global commodity chains and local spillovers of natural resources**
2. **National institutions governing the operations of transnational oil companies**
3. **Management of higher education / Institutional approaches to higher education**
4. **Human capital in modern and post-modern societies**



Research Interests

- Economic history, with a special interest in long-term economic development
- Institutions, higher education and formation of human capital
- History of communism and of the post-communist transitions
- Historiography and methods of historical research

Bogdan MURGESCU

Professor
Faculty of History
University of Bucharest

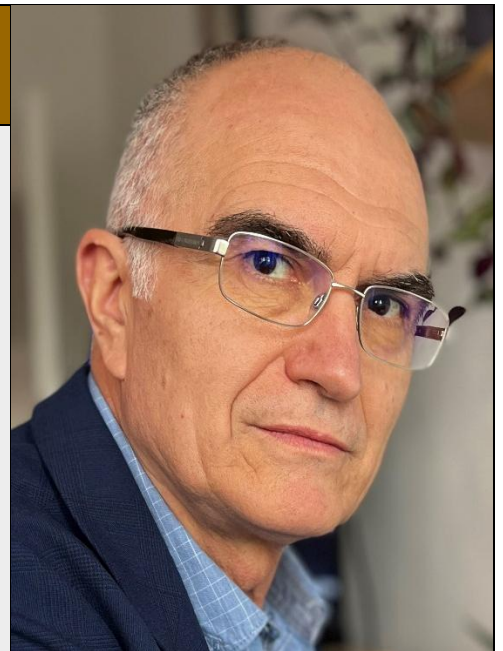
Email:

bogdan.murgescu@istorie.unibuc.ro

History

Interdisciplinary Research Topics for Ph.D. students

- 1. Bioarchaeology**
(physic anthropology/zooarchaeology/archaeobotany)
- 2. Molecular archaeology - stable isotopes and paleogenetics of bioarchaeological remains**
(biochemistry)
- 3. Archaeometric analyses and experimental archaeology**
(history/archaeology/physics/ethnography)



Research Interests

- Paleoeconomy and the evolution of biodiversity
- Interrelationship of human and natural systems
- Human diet, health and lifestyle, ritual practices
- Reconstructs the past through experiment

Valentin RADU

Scientific Researcher III
National Museum of Romanian
History

Email:
valentin.radu@icub.unibuc.ro

Orthodox Theology

Interdisciplinary Research Topics for for Ph.D. students

In order to choose a research topic please contact Prof.
Adrian LEMENI



Research Interests

Adrian LEMENI

Associate Professor
Faculty of Orthodox Theology
University of Bucharest

Email:

adrian.lemeni@gmail.com

Catholic Theology

Interdisciplinary Research Topics for for Ph.D. students

- 1. Theology and philology of the Old Testament**
(Old Testament Exegesis/Biblical Hebrew Linguistics)
- 2. New academic management in the field of
Theology**
(Theology/Management)



Research Interests

- Old Testament Exegesis
- Ancient Hebrew and Coptic Language
- Gospel of Thomas

Michael FIEGER

Professor
Theological Graduate School of
Chur
Switzerland

Email:

m.fieger@bluewin.ch

Baptist Theology

Interdisciplinary Research Topics for for Ph.D. students

In order to choose a research topic please contact Prof.
Otniel BUNACIU



Research Interests

- Religious studies and public policy, ethnography and theology, history of Christian thought, Ethics, Systematic Theology

Otniel BUNACIU

Professor
Faculty of Baptist Theology
University of Bucharest

Email:

otniel.bunaciu@g.unibuc.ro