

EUR CSC PhD Proposal Overview 2020

School	Supervisor(s)	E-mail addresses	Department	Project Title	No. of positions	Required Background	English Requirements
School of Health Policy & Management							
ESHPM	Prof. Robbert Huijsman	huijsman@eshpm.eur.nl	Health Service Management & Organisation	ORGANIZING ELDERLY CARE IN THE COMMUNITY IN CHINA	1	Background: We are looking for a PhD candidate who is interested in unraveling how teams function in the elderly care and has the following expertise and experience: <ul style="list-style-type: none"> • Master degree: You have a master degree in a relevant field, such as Health Sciences, Psychology, Sociology, Public or Business Administration, HR Studies, from a leading University in China or overseas. • English: You have good speaking as well as good writing skills in English and Chinese. • You have good skills and experience with doing various types of empirical research on an academic level • You are motivated to conduct research in the health care field. Master's degree: Yes	IELTS: 7.0 (min. 6.0 for all subs.) or TOEFL: 100 (min. 20 for all subs.)
	Dr. Martina Buljac-Samardzic	buljac@eshpm.eur.nl					
	Dr. Jeroen van Wijngaarden	vanwijngaarden@eshpm.eur.nl					
ESHPM	Prof. dr. Kees Ahaus	ahaus@eshpm.nl	Erasmus School of Health Policy & Management (ESHPM) in collaboration with Shanghai Jiao Tong University	PATIENT VIOLENCE AND AGGRESSION TOWARDS HEALTHCARE PROVIDERS IN HOSPITALS	1	Background: We are looking for a PhD candidate who is interested in unraveling how teams function in the hospital setting and has the following expertise and experience: <ul style="list-style-type: none"> • Master degree: You have a master degree in a relevant field, such as Health Sciences, Psychology, Sociology, Public or Business Administration, HR Studies, from a leading University in China or overseas. • English: You have good speaking as well as good writing skills in English and Chinese. • You have good skills and experience with doing empirical research. • You are motivated to conduct research in the health care field. Master's degree: Yes	IELTS: 7.0 (min. 6.0 for all subs.) or TOEFL: 100 (min. 20 for all subs.)
	Dr. Dahai ZHAO	dahaizhao@sjtu.edu.cn					
	Dr. Martina Buljac-Samardzic	buljac@eshpm.eur.nl					

School	Supervisor(s)	E-mail addresses	Department	Project Title	No. of positions	Required Background	English Requirements
ESHPM	Prof. dr. Kees Ahaus	ahaus@eshpm.nl	Erasmus School of Health Policy & Management (ESHPM) at Erasmus University Rotterdam (EUR) in collaboration with Tsinghua University Beijing	REDUCING THE COSTS OF HEALTH CARE BY DELIVERING THE RIGHT CARE AT THE RIGHT PLACE	1	Background: We are looking for a PhD candidate who is interested in this project and has the following expertise and experience: <ul style="list-style-type: none"> •Master degree: You have a master degree in a relevant field, such as Health Sciences, Public or Business Administration, Operations and Supply Chain Management, Psychology, Sociology, from a leading University in China or overseas. •English: You have good speaking as well as good writing skills in English and Chinese. •You have good skills and experience with doing empirical research. <ul style="list-style-type: none"> •You are motivated to conduct research in the health care field. •EUR requirement: IELTS: 7.0, TOEFL: 100 Master's degree: Yes	IELTS: 7.0 (min. 6.0 for all subs.) or TOEFL: 100 (min. 20 for all subs.)
	Prof. Erik van Raaij	Eraaij@rsm.nl					
	Dr. Jiming Zhu	jimingzhu@tsinghua.edu.cn					
ESHPM	Prof. Hans Severens	severens@eshpm.eur.nl	Erasmus School of Health Policy & Management (ESHPM) in collaboration with Research Center for Public Health at Tsinghua University Beijing	HOSPITAL-LEVEL DECISION MAKING: THE ROLE OF COST-EFFECTIVENESS ANALYSIS OF CORONARY STENTS TO ENHANCE LOCAL POLICYMAKING	1	Background: We are looking for a PhD candidate who is interested in finding ways to improve the quality of policymaking in the hospital setting and has the following expertise and experience: <ul style="list-style-type: none"> •Master degree: You have a master degree in a relevant field, such as Health Sciences, Medicine, Psychology, and Economics, from a leading university in China or overseas. •English: You have good speaking as well as good writing skills in English and Chinese. •Research skills: You have good skills and experience with doing empirical research, preferably in health care. •Training in R, SAS, Stata or similar software applications is desired. <ul style="list-style-type: none"> •You are motivated to conduct research in the healthcare field. Master's degree: Yes	IELTS: 7.0 (min. 6.0 for all subs.) or TOEFL: 100 (min. 20 for all subs.)
	Prof. Jing Jun	redetekop@eshpm.eur.nl					
	Dr. Ken Redekop	jingjun@tsinghua.edu.cn					
ESHPM	Prof. Werner Brouwer	brouwer@eshpm.eur.nl	Department of Health Economics	Improving health state valuations through behavioral economics	1	Background: The successful applicant for this position is expected to have a recent or almost completed Master's degree in (health/behavioral) economics or econometrics. The ideal candidate has a strong economic and psychological intuition with knowledge of the experimental economic approach. Knowledge of programming languages is a plus. Applicants must have excellent communication and writing skills in English, and have a strong motivation for doing methodological and experimental research in the field of health economics. Master's degree: Yes	IELTS: 7.0 (min. 6.0 for all subs.) or TOEFL: 100 (min. 20 for all subs.)
	Dr. Arthur Attema	attema@eshpm.eur.nl					

School	Supervisor(s)	E-mail addresses	Department	Project Title	No. of positions	Required Background	English Requirements
ESHPM	Prof. Werner Brouwer	brouwer@eshpm.eur.nl	Department of Health Economics	Time preferences in health	1	<p>Background: The successful applicant for this position is expected to have a recent or almost completed Master's degree in (health/behavioural) economics or econometrics. The ideal candidate has advanced mathematical skills and a strong economic and psychological intuition. This will enable the candidate to build a bridge between theoretical work and applied work in clever experiments. Knowledge of programming languages is a plus. Applicants must have excellent communication and writing skills in English, and have a strong motivation for doing methodological research in the field of health economics.</p> <p>Master's degree: Yes</p>	<p>IELTS: 7.0 (min. 6.0 for all subs.) or TOEFL: 100 (min. 20 for all subs.)</p>
	Prof. Kirsten Rohde	rohde@ese.eur.nl					
	Dr. Arthur Attema	attema@eshpm.eur.nl					

Erasmus School of Economics

ESE	Prof. dr. Rommert Dekker	rdekker@ese.eur.nl	Econometric Institute	Ontology-Driven Aspect-Based Sentiment Analysis in Product Reviews	1	<p>The candidate needs to be proficient with Python/Java programming, and have a good knowledge of machine learning and deep learning techniques. In addition, the candidate should possess knowledge of natural language processing techniques and Semantic Web technologies or be willing to learn the necessary topics in these fields in a relatively short amount of time. Excellent communication skills for both writing and speaking in English are expected, as well as willingness to collaborate with the various parties related to this project. Candidates are expected to be in the top segment of their class with respect to their grades and must show interest in an academic career, including both research and teaching/supervision activities.</p> <p>Master's degree: Yes</p>	<p>IELTS: 7.5 (min. 6.0 for all subs.) or TOEFL: 100 (internet) or 600 (paper) and GMAT-test or GRE-test: 85%</p>
	Dr. Flavius Frasincar	frasincar@ese.eur.nl					

Erasmus School of Social and Behavioural Sciences

ESSB	Prof. Diane Pecher	pecher@essb.eur.nl	Department of Psychology, Education and Child Studies	Grounded Cognition: The Role of Sensory-Motor Modalities in Memory	1	<p>Background: Candidates will have a background in cognitive or experimental psychology or cognitive science.</p> <p>Master's degree: Yes</p>	<p>IELTS Grade: 7.5 (min 6.0 per component) or TOEFL: 100 (min 20 per component)</p>
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ESSB	Prof. Dimitri van der Linden	vanderlinden@essb.eur.nl	Department of Psychology, Education and Child Studies	Go with the flow (at work): The psychological and neurological aspects of becoming fully absorbed in a task	1	Master's in Psychology, for example Cognitive or Biological Psychology, Work & Organizational Psychology, or Experimental Psychology. Interest in, and experience with psychophysiological measures (e.g., EEG, heart rate, pupil measures). Interest in topics related to the project such as performance, engagement/flow, brain reward systems, motivation. Master's degree: Yes	IELTS Grade: 7.5 (min 6.0 per component) or TOEFL: 100 (min 20 per component)
ESSB	Prof. Dr. Marianne van Woerkom	vanwoerkom@essb.eur.nl	Department of Psychology, Education and Child Studies (DPECS), Center of Excellence for Positive Organizational Psychology	How and when does strengths-based leadership facilitate employee engagement and performance?	1	Background: Work and Organizational Psychology, Social Psychology, Organizational Behavior, or related field	IELTS Grade: 7.5 (min 6.0 per component) or TOEFL: 100 (min 20 per component)
	Prof. Dr. Arnold B. Bakker	bakker@essb.eur.nl				Master's degree: Yes	
Erasmus School of Law							
ESL	Prof. Yuwen Li	y.li@law.eur.nl	ESL	Free Zones and complementary international commercial courts: An opportunity for China?	1	Background: Legal study	IELTS Grade: 7.0 (min 6.0 per component) or TOEFL: 100 (min 20 per component)
	Dr. Harold Koster	h.koster@law.eur.nl				Master's degree: Yes	
International Institute of Social Sciences							
ISS	Prof. Wil Hout	hout@iss.nl	ISS	Project Title: Comparative regionalism and the impact of BRICS countries in Africa	1	Background: political science, international relations, international political economy Master's degree: Yes	IELTS Grade: 7.0 (min 6.0 per component) or TOEFL: 100 (min 20 per component)
ISS	Prof. dr. Arjun Bedi	bedi@iss.nl	ISS	Project Title: Understanding urban-led development in the Tibetan areas of western China	1	Background: Social Sciences (ideally with background in economics, political economy, politics science, development studies, social policy or related field) Master degree: Yes (in Social Sciences, as specified above)	IELTS Grade: 7.0 (minimal 6.0 per component) or TOEFL: 100 (minimal 20 per component) (or exemption if MA degree was in English) Other requirements: experience in western China and knowledge of Tibetan.
	Dr. Andrew M. Fischer	fischer@iss.nl					
ISS	Prof. dr. Irene van Staveren:	staveren@iss.nl	ISS	Project Title: Beyond social capital: the effects of inequality and social exclusion on economic growth and wellbeing	1	Background: MA in economics or in quantitative social sciences or development studies. Good skills in the use of STATA or similar software. Interest in social issues and social indicators of wellbeing. Master's degree: Yes	IELTS Grade: 7.0 (min 6.0 per component) or TOEFL: 100 (min 20 per component)
	Dr. Elissaios Papyrakis	papyrakis@iss.nl					

School	Supervisor(s)	E-mail addresses	Department	Project Title	No. of positions	Required Background	English Requirements
Erasmus School of Philosophy							
ESPhil	Prof. Hub Zwart	zwart@esphil.eur.nl	ESPhil	Retrieving the Principle of Sufficient Reason: Scepticism and Imagination in the Anthropocene	1	Background: Continental Philosophy, History of Western Philosophy Ecology, Science and Technology Studies, Post-Colonialism, Feminism, Metaphysics	IELTS Grade: 7.5 (min 6.0 per component) or TOEFL: 100 (min 20 per component)
	Dr. Sjoerd van Tuinen	vantuinen@esphil.eur.nl				Master's degree: Yes	
Rotterdam School of Management							
RSM	Prof. Marius van Dijke	mvandijke@rsm.nl	Department of Business-Society Management	The cognitive bases of ethical behavior	1	Background: Management / Business with a focus on Organizational Behavior; social or organizational psychology; behavioral economics. Regardless of specific background, research experience (e.g. laboratory experiments, surveys, ESM studies) and the statistics required to analyze the resulting data (i.e., ANOVA, OLS regression, Hierarchical Linear Modeling) is required. Excellent communication skills for both writing and speaking in English are expected. Candidates are expected to be in the top segment of their class with respect to their grades and must show interest in an academic career.	IELTS: 7.5 (min. 6.0 for all subs.) or TOEFL: 100 (internet) or 600 (paper) and GMAT-test or GRE-test: 85%
	Dr. Gijs van Houwelingen	g.g.vanhouwelingen@uva.nl				Master's degree: Yes	
RSM	Prof. Justin Jansen	jjansen@rsm.nl	Department of Strategic Management & Entrepreneurship	Digital International New Ventures: Scaling Beyond Borders	1	Background: Economics, Management, Strategy, International Business	IELTS: 7.5 (min. 6.0 for all subs.) or TOEFL: 100 (internet) or 600 (paper) and GMAT-test or GRE-test: 85%
	Dr. Mirko Benischke	benischke@rsm.nl				Master's degree: Yes	
RSM	Prof. Daan van Knippenberg	dlv39@drexel.edu	Department of Organizational and Personnel Management	Managing dynamic diversity in teams	1	Candidates are expected to have background in management / business administration (with a specialization in organizational behavior, industrial and organizational psychology, or social psychology. Research experience (e.g., laboratory experiments, surveys) and statistical skills (e.g., [M]ANOVA, regressions, structural equation modeling) are highly commendable. Candidates are expected to have excellent communication skills in both written and spoken English. Preferably, they are the top academic performers in the class and demonstrate integrity, initiative, and interest in the scientific work.	IELTS: 7.5 (min. 6.0 for all subs.) or TOEFL: 100 (internet) or 600 (paper) and GMAT-test or GRE-test: 85%
	Dr. Anne Nederveen Pieterse	anederveenpieterse@rsm.nl				Master's degree: Yes	
	Dr. Jia Li	j.li@tue.nl					

School	Supervisor(s)	E-mail addresses	Department	Project Title	No. of positions	Required Background	English Requirements
RSM	Prof. Pursey Heugens	pheugens@rsm.nl	RSM	Knowledge Transfer for Sustainable Business in China	1	Background: A solid background in management, international business, sociology, or economics (preferably in combination). Candidates with a background in environmental studies may also be considered.	IELTS: 7.5 (min. 6.0 for all subs.) or TOEFL: 100 (internet) or 600 (paper) and GMAT-test or GRE-test: 85%
	Dr. Frank Wijen	fwijen@rsm.nl				Master's degree: Completed, preferably cum laude, preferably from a top school	
RSM	Prof. Pursey Heugens	pheugens@rsm.nl	Department of Strategic Management and Entrepreneurship	The social costs and benefits of high-growth entrepreneurship: Chinese unicorns, economic development, and social externalities	1	To be considered for admission, the applicant should have:	IELTS: 7.5 (min. 6.0 for all subs.) or TOEFL: 100 (internet) or 600 (paper) and GMAT-test or GRE-test: 85%
	Prof. Vareska van de Vrande	vvrande@rsm.nl				1. An MSc. or MPhil. Degree in management, economics, political science, or sociology, obtained with outstanding grades. 2. IELTS Grade: 7.5 or higher / TOEFL: 100. The language test results should not be older than two year.	
	Dr. Luca Berchicci	lberchicci@rsm.nl				3. GMAT: 85% (680) or higher 4. Strong motivation for pursuing a high-quality PhD and interest in an academic career.	
	Dr. Yu LIU	y.liu@rsm.nl				Master's degree: Yes	
RSM	Prof. dr. George Hendrikse	ghendrikse@rsm.nl	RSM	Cooperatives: Two Worlds in One Organization	1	Background: Business, Economics, Engineering, etc. Master's degree: Yes	IELTS: 7.5 (min. 6.0 for all subs.) or TOEFL: 100 (internet) or 600 (paper) and GMAT-test or GRE-test: 85%
RSM	Prof. dr. George Hendrikse	ghendrikse@rsm.nl	RSM	Governance of Bounded Cognition in Enterprises	1	Background: Business, Economics, Engineering, etc. Master's degree: Yes	IELTS: 7.5 (min. 6.0 for all subs.) or TOEFL: 100 (internet) or 600 (paper) and GMAT-test or GRE-test: 85%

School	Supervisor(s)	E-mail addresses	Department	Project Title	No. of positions	Required Background	English Requirements
Erasmus School of History, Culture and Communication							
ESHCC	Prof. Vermeylen	vermeylen@eshcc.eur.nl	Arts & Culture Studies department	Value co-creation in circular design processes	1	<p>Background: The candidate should have an academic background in either business or entrepreneurship studies, arts and culture studies, or (industrial) design studies. An understanding of the sustainability challenges facing business and/or design is a plus; otherwise a willingness to get acquainted with them is required. The candidate needs to have affinity with qualitative research methods, and excellent communication skills for both writing and speaking in English, as well as the willingness to collaborate with the various parties related to this project. Candidates are expected to be in the top segment of their class with respect to their grades and must show interest in an academic career, including research and some teaching/supervision activities.</p> <p>Master's degree: Yes</p>	<p>IELTS Grade: 7.0 (min 6.0 per component) or TOEFL: 100 (min 20 per component)</p>
	Dr. Ellen Loots	loots@eshcc.eur.nl					
ESHCC	Prof. dr. Susanne Janssen	s.janssen@eshcc.eur.nl	Media and Communication department	Children's Consumer Culture in China	1	<p>Master degree: Yes</p> <p>Candidates must have earned a (research) master degree in either Communication Studies, Media Studies, Marketing, or Developmental Psychology. In addition, candidates should have experience with doing quantitative research and are requested to show affinity with the proposed topic.</p>	<p>IELTS Grade: 7.0 (minimal 6.0 per component) or TOEFL Score: 100 (minimal 20 per component)</p>
	Dr. Suzanna J. Oprea	oprea@eshcc.eur.nl					

Erasmus Medical Center

School	Supervisor(s)	E-mail addresses	Department	Project Title	No. of positions	Required Background	English Requirements
EMC	Prof dr Peter Verrijzer	c.verrijzer@erasmusmc.nl	Department of Biochemistry	Liver organoid-tumoroid platform in study of HBV infection and tumorigenesis	1	<ul style="list-style-type: none"> We are looking for a highly motivated PhD student who has received excellent scientific and practical training in the areas of Molecular Virology or Molecular Biology who also has some basic training or interest in bioinformatics to join our research team. We offer: Supervision, lab facilities and infrastructure, and training. We will cover Laboratory costs. As a candidate PhD student at Erasmus MC, your salary and living expenses will be covered by your University or Scholarship Council. • BONUS: having or proposing a Chinese co-supervisor for this project would be seen as a bonus during the selection process. 	<ul style="list-style-type: none"> The student should be fluent in English (English speaking countries & Netherlands: no requirement; Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs).
	Dr. Tokameh Mahmoudi	t.mahmoudi@erasmusmc.nl					
EMC	Prof dr Peter Verrijzer	c.verrijzer@erasmusmc.nl	Department of Biochemistry	HIV Cure: mechanisms, drug discovery, clinical study and valorization	1	<ul style="list-style-type: none"> We are looking for a highly motivated PhD student who has received excellent scientific and practical training in the areas of Molecular Virology or Molecular Biology who also has some basic training or interest in bioinformatics to join our research team. We offer: Supervision, lab facilities and infrastructure, and training. We will cover Laboratory costs. As a candidate PhD student at Erasmus MC, your salary and living expenses will be covered by your University or Scholarship Council. • BONUS: having or proposing a Chinese co-supervisor for this project would be seen as a bonus during the selection process. 	<ul style="list-style-type: none"> The student should be fluent in English (English speaking countries & Netherlands: no requirement; Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs).
	Dr. Tokameh Mahmoudi	t.mahmoudi@erasmusmc.nl					
EMC	Prof. dr. Dimitris Rizopoulos	d.rizopoulos@erasmusmc.nl	Department of Biostatistics	Longitudinal modeling of blood donation data	1	<p>We're looking for an enthusiastic student with a background (master's degree) in biostatistics or statistics who is interested in developing and applying new biostatistical methodology. Knowledge of methods for repeated measurements/longitudinal data and Bayesian statistics is a prerequisite. A good command of the English language (especially writing) is also necessary.</p> <p>We offer a good working environment with a friendly atmosphere and constructive scientific supervision in the Department of Biostatistics of Erasmus MC, Rotterdam, the Netherlands. The department is well known for its expertise on methods for analyzing longitudinal data.</p> <p>The scholarship will, at least, cover subsistence allowance and an international airplane ticket. We're able to provide help with the scientific part of your scholarship proposal.</p>	<p>English language requirement: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)</p>
	Dr. Joost van Rosmalen	j.vanrosmalen@erasmusmc.nl					
EMC	Prof. Dr. Hans van Leeuwen	j.vanleeuwen@erasmusmc.nl	Department of Internal Medicine, laboratory for calcium and bone metabolism	Dormant cells (cancer stem cells) in bone metastases	1	<ul style="list-style-type: none"> Background: Cell biology, molecular biology, interest in cancer research, creative, punctual, enthusiastic, communicative Master degree or MD Scholarship that will, at least, cover subsistence allowance and international air plane ticket (we could help with the scientific part of your scholarship proposal) 	<ul style="list-style-type: none"> English language requirement: no requirement English speaking countries & Netherlands: no requirement Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)
	Dr. Marjolein van Driel	m.vandriel@erasmusmc.nl					

School	Supervisor(s)	E-mail addresses	Department	Project Title	No. of positions	Required Background	English Requirements
EMC	Prof. Dr. Hans van Leeuwen	j.vanleeuwen@erasmusmc.nl	Department of Internal Medicine, laboratory for calcium and bone metabolism	Organ-on-Chip technology to study bone health and disease	1	<ul style="list-style-type: none"> • Background: Cell biology, molecular biology, creative, punctual, enthusiastic, communicative • Master degree or MD • Scholarship that will, at least, cover subsistence allowance and international air plane ticket (we could help with the scientific part of your scholarship proposal) 	<p>English language requirement:</p> <ul style="list-style-type: none"> • English speaking countries & Netherlands: no requirement • Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)
	Bram C.J. van der Eerden, PhD	b.vandereerden@erasmusmc.nl					
EMC	Prof dr D. Huylebroeck	d.huylebroeck@erasmusmc.nl	Department of Cell Biology	Systems/Omics approaches to study nuclear interpretation of BMP signaling in stem/progenitor cells: ZEB2	1	<ul style="list-style-type: none"> • We are looking for highly motivated, talented students to join our international team. • Master degree or MD. • A fair scholarship that covers subsistence allowance and international air plane ticket. • Working in the lab requires that the student has good communication skills. 	<ul style="list-style-type: none"> • English language requirement: English speaking countries & Netherlands: no requirement Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)
EMC	Prof dr SMA Bierma-Zeestra	s.bierma-zeestra@erasmusmc.nl	Musculoskeletal disorders' at the Department of General Practice, and Orthopedic Surgery	The early diagnosis, prognosis and (subgroup specific) treatment of osteoarthritis	1	<ul style="list-style-type: none"> • We are looking for highly motivated, talented students to join our international team. • Master degree or MD. • A fair scholarship that covers subsistence allowance and international air plane ticket. • Working in the lab requires that the student has good communication skills. 	<ul style="list-style-type: none"> • English language requirement: English speaking countries & Netherlands: no requirement Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)
EMC	Prof dr J.N.J. (Sjaak) Philipsen	j.philipsen@erasmusmc.nl	Department of Cell Biology	A bioinformatics approach to understand the natural history myelodysplastic syndromes	1	<ul style="list-style-type: none"> • We are looking for a highly motivated, hardworking student to join our international team. Our strength is in using team work to tackle large scientific questions and thus requires a student with good communication skills. • Master degree or MD • Scholarship that will, at least, cover subsistence allowance and international air plane ticket (we can help with the scientific part of your scholarship proposal) 	<ul style="list-style-type: none"> • English language requirement: English speaking countries & Netherlands: no requirement Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)
EMC	Prof dr D. Huylebroeck	d.huylebroeck@erasmusmc.nl	Department of Cell Biology	Systems/Omics approaches to study nuclear interpretation of BMP signaling in stem/progenitor cells	1	<ul style="list-style-type: none"> • We are looking for highly motivated, talented students to join our international team. • Master degree or MD. • A fair scholarship that covers subsistence allowance and international air plane ticket. • Working in the lab requires that the student has good communication skills. 	<ul style="list-style-type: none"> • English language requirement: English speaking countries & Netherlands: no requirement Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)

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EMC	Prof dr Robert M. W. Hofstra	r.hofstra@erasmusmc.nl	Department of Clinical Genetics	A gut feeling: zebrafish modeling to prove that non-neuronal factors in Hirschsprung disease are crucial	1	<ul style="list-style-type: none"> We are looking for a highly motivated, hardworking student to join our very international team. Our strength is in using team work to tackle large scientific questions and thus requires a student with good communication skills. Master degree or MD Scholarship that will, at least, cover subsistence allowance and international air plane ticket (we could help with the scientific part of your scholarship proposal) 	<ul style="list-style-type: none"> English language requirement: English speaking countries & Netherlands: no requirement Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)
EMC	Prof dr BW Koes	b.koes@erasmusmc.nl	'Musculoskeletal disorders' at the Department of General Practice	Diagnosis and prognosis of musculoskeletal disorders	1	<ul style="list-style-type: none"> We are looking for a highly motivated, hardworking student to join our very international team. Our strength is in using team work to tackle large scientific questions and thus requires a student with good communication skills. Master degree or MD Scholarship that will, at least, cover subsistence allowance and international air plane ticket (we could help with the scientific part of your scholarship proposal) 	<ul style="list-style-type: none"> English language requirement: English speaking countries & Netherlands: no requirement Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)
EMC	Prof dr SMA Bierma-Zeestra	s.bierma-zeestra@erasmusmc.nl	'Musculoskeletal disorders' at the Department of General Practice, and Orthopedic Surgery	The early diagnosis, prognosis and (subgroup specific) treatment of osteoarthritis	1	<ul style="list-style-type: none"> We are looking for a highly motivated, hardworking student to join our very international team. Our strength is in using teamwork to tackle large scientific questions and thus requires a student with good communication skills. Master degree or MD Scholarship that will, at least, cover subsistence allowance and international air plane ticket (we could help with the scientific part of your scholarship proposal) 	<ul style="list-style-type: none"> English language requirement: English speaking countries & Netherlands: no requirement Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)
EMC	Prof. Dr. D. Huylebroeck	d.huylebroeck@erasmusmc.nl	Department of Cell Biology	Regulation of gene expression in development and disease	1	<ul style="list-style-type: none"> We are looking for highly motivated, talented students to join our international team. Master degree or MD. A fair scholarship that covers subsistence allowance and international air plane ticket. Working in the lab requires that the student has good communication skills. 	<ul style="list-style-type: none"> English language requirement: English speaking countries & Netherlands: no requirement Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)
	Dr. ir. N. Galjart	n.galjart@erasmusmc.nl					
EMC	Prof dr Robert M. W. Hofstra	r.hofstra@erasmusmc.nl	Department of Clinical Genetics	Deciphering the role of Non-Coding DNA sequences in the genetics of neurodevelopmental disorders	1	<ul style="list-style-type: none"> We are looking for a highly motivated, hardworking student to join our very international team. Our strength is in using team work to tackle large scientific questions and thus requires a student with good communication skills. Master degree or MD Scholarship that will, at least, cover subsistence allowance and international air plane ticket (we could help with the scientific part of your scholarship proposal) 	<ul style="list-style-type: none"> English language requirement: English speaking countries & Netherlands: no requirement Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)
	Stefan Barakat, M.D., Ph.D., MSc	t.barakat@erasmusmc.nl					

School	Supervisor(s)	E-mail addresses	Department	Project Title	No. of positions	Required Background	English Requirements
EMC	Prof dr R.P. Peeters	r.peeters@erasmusmc.nl	Department of Endocrinology	Consequences of thyroid dysfunction for development, metabolism and aging	1	<ul style="list-style-type: none"> We are looking for a highly motivated, hardworking student to join our very international team. Our strength is to use team work to tackle large scientific questions, thus requiring good communication skills. Projects are available focusing on epidemiology or molecular biology. Master degree or MD Scholarship that will, at least, cover subsistence allowance and international air plane ticket (we could help with the scientific part of your scholarship proposal) 	<ul style="list-style-type: none"> English language requirement: English speaking countries & Netherlands: no requirement Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)
	Dr. W.E. Visser	w.e.visser@erasmusmc.nl					
EMC	Prof dr M.A.Ikram	m.a.ikram@erasmusmc.nl	Department of Epidemiology	Global Cardiomtabolic Risk Profile	1	<ul style="list-style-type: none"> We are looking for a highly motivated, hardworking student to join our very international team. Our strength is in using team work to tackle large scientific questions and thus requires a student with good communication skills. Master degree or MD Scholarship that will, at least, cover subsistence allowance and international air plane ticket (we could help with the scientific part of your scholarship proposal) 	<ul style="list-style-type: none"> English language requirement: English speaking countries & Netherlands: no requirement Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)
	Dr. Maryam Kavousi,	m.kavousi@erasmusmc.nl					
EMC	Prof dr M.A.Ikram	m.a.ikram@erasmusmc.nl	Department of Epidemiology	Nutrition and Lifestyle and health across the lifecourse: a focus on underlying pathways and mechanisms	1	<ul style="list-style-type: none"> We are looking for a highly motivated, bright student to join our very international and multidisciplinary team. For this projects, using big data and often collaborating in consortia, we require strong statistical skills and good communication skills. The student should have an MD or Master degree in Health Sciences, Epidemiology, Biostatistics or a related field, and should be fluent in English. We offer: Supervision, data access, advanced courses in epidemiology and biostatistics, research infrastructure, and other training. Your salary and living expenses should be covered by the scholarship. We could help with the scientific part of the proposal. For more information related to this proposal, please contact dr. Trudy Voortman at trudy.voortman@erasmusmc.nl. 	<ul style="list-style-type: none"> English language requirement: English speaking countries & Netherlands: no requirement Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)
	Dr.ir. Trudy Voortman	trudy.voortman@erasmusmc.nl					
EMC	Prof dr Eppo Wolvius	e.wolvius@erasmusmc.nl	Department of Maxillofacial Surgery, Special Dental Care & Orthodontics Erasmus MC	Three-dimensional (3D) Facial Shape Analysis	1	<p>We are looking for a highly motivated, hardworking student to join our very international team. Successful candidates are expected to have a strong quantitative or computer science background, excel at critical thinking, with strong motivation to engage in development and application of advanced analytical methods.</p> <ul style="list-style-type: none"> Master degree in mathematics, computer science, statistics, bioinformatics, physics, electrical engineering, or in an equivalent discipline. Experience with: Python, linux, shell. Experience with machine learning methods. deep learning methods is advantage Scholarship that will, at least, cover subsistence allowance and international air plane ticket (we can help with the scientific part of your scholarship proposal) 	<ul style="list-style-type: none"> English language requirement: English speaking countries & Netherlands: no requirement; Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)
	Prof dr. Fernando Rivadeneira	f.rivadeneira@erasmusmc.nl					

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EMC	Prof dr Eppo Wolvius	e.wolvius@erasmusmc.nl	Department of Oral and Maxillofacial Surgery, Special Dental Care and Orthodontics	With a large array of projects, offer position in two scientific fields. 1) Genomics i.e. genetics of rare syndromes affecting the craniofacial structure. 2) microbiology and epidemiology, i.e. the oral microbiome in relation to oral health and disease	1	<ul style="list-style-type: none"> Highly motivated, hardworking student with good communication skills Master degree or Medical (MD) or Dental (DD) Doctor Degree Scholarship that will, at least, cover subsistence allowance and international air plane ticket (we can help with the scientific part of your scholarship proposal) 	<ul style="list-style-type: none"> English language requirement: English speaking countries & Netherlands: no requirement; Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)
	Prof dr. Fernando Rivadeneira	f.rivadeneira@erasmusmc.nl	The Generation R Study Group				
EMC	Prof dr Maikel Peppelenbosch	m.peppelenbosch@erasmusmc.nl	Department of Gastroenterology and Hepatology	Identification of target molecules for immunotherapy to stimulate NK-cell responses in liver cancer	1	<ul style="list-style-type: none"> We are looking for a highly motivated, hardworking student to join our international team. Our strength is in using team work to tackle large scientific questions and thus requires a student with good communication skills. Master degree or MD with at least basic expertise in cell culture and flowcytometry Scholarship that will, at least, cover subsistence allowance and international air plane ticket (we could help with the scientific part of your scholarship proposal) 	<ul style="list-style-type: none"> English language requirement: English speaking countries & Netherlands: no requirement; Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)
	Dr Jaap Kwekkeboom	j.kwekkeboom@erasmusmc.nl					
EMC	Prof. Fernando Rivadeneira	f.rivadeneira@erasmusmc.nl	Department of Internal Medicine	Genetics, biologic pathways, medication effects and the interaction with the gut microbiome underlying diabetic bone disease	1	<ul style="list-style-type: none"> We are looking for a highly motivated, hardworking student to join our very international team. Our strength is in using team work to tackle large scientific questions and thus requires a student with good communication skills. Master degree or MD Scholarship that will, at least, cover subsistence allowance and international air plane ticket (we could help with the scientific part of your scholarship proposal) 	<ul style="list-style-type: none"> English language requirement: English speaking countries & Netherlands: no requirement Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)
	Dr. M. Carolina Medina Gomez	m.medinagomez@erasmusmc.nl					
	Dr. Ling Oei	h.l.d.w.oei@erasmusmc.nl					
EMC	Prof A. Verbon, MD, PhD	a.verbon@erasmusmc.nl	Department of Medical Microbiology and Infectious Diseases	Investigating the interaction between the human mycobiota and fungal infections	1	<ul style="list-style-type: none"> We are looking for a highly motivated, hardworking student to join our very international team. Our strength is in using team work to tackle large scientific questions and thus requires a student with good communication skills. Master degree or MD Scholarship that will, at least, cover subsistence allowance and international air plane ticket (we could help with the scientific part of your scholarship proposal) 	<ul style="list-style-type: none"> English language requirement: English speaking countries & Netherlands: no requirement Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)
	Dr. J. P. Hays	j.hays@erasmusmc.nl					
	Dr. W. van de Sande	w.vandesande@erasmusmc.nl					

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EMC	Prof dr. John Martens	j.martens@erasmusmc.nl	Department of Medical Oncology	Cancer Computational Biology and its Clinical Value using Multiple State-of-the-art Omics Data of Prostate and Breast Cancer Patients.	1	<ul style="list-style-type: none"> We are looking for a candidate with strong analytical and problem solving skills, being highly motivated and having excellent communication and writing skills and able to work independently. A background in cancer biology is of significant added value. Master degree in bioinformatics, computational biology, statistics or a related field. The candidate should have demonstrated excellent scientific writing and software engineering skills in R and Perl or Python and preferably in Java. Scholarship that will, at least, cover subsistence allowance and international air plane ticket (we could help with the scientific part of your scholarship proposal) 	<ul style="list-style-type: none"> The student should be fluent in English (English speaking countries & Netherlands): no requirement; Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs).
	Dr. Harmen van de Werken	ccbc@erasmusmc.nl					
	Dr. Martijn Lolkema (co-supervisors)	ccbc@erasmusmc.nl					
EMC	Prof dr Adriaan B Houtsmuller	a.houtsmuller@erasmusmc.nl	Department of Pathology	Using multifunctional nanosized smart drug delivery systems for melanoma in situ vaccination	1	<ul style="list-style-type: none"> We are looking for a highly motivated, hardworking student to join our very international team. Our strength is in using team work to tackle large scientific questions and thus requires a student with good communication skills. Master degree or MD Scholarship that will, at least, cover subsistence allowance and international air plane ticket (we could help with the scientific part of your scholarship proposal) 	<ul style="list-style-type: none"> The student should be fluent in English (English speaking countries & Netherlands): no requirement; Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs).
	Assoc. Prof dr Timo L.M. ten Hagen	t.l.m.tenhagen@erasmusmc.nl					
	Assoc. Prof dr Reno Debets	j.debets@erasmusmc.nl					
EMC	Prof dr Maikel Peppelenbosch	m.peppelenbosch@erasmusmc.nl	Department of Gastroenterology and Hepatology	Understanding how hepatitis viruses cause liver cancer	1	<ul style="list-style-type: none"> We are looking for a highly motivated, hardworking student to join our very international team. Our strength is in using team work to tackle large scientific questions and thus requires a student with good communication skills. Master degree (or MSc/MD) Scholarship that will, at least, cover subsistence allowance and international air plane ticket (we could help with the scientific part of your scholarship proposal) 	<ul style="list-style-type: none"> English language requirement: no requirement English speaking countries & Netherlands: no requirement Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs), or discuss for specific cases.
	Dr Qiuwei Abdullah Pan	q.pan@erasmusmc.nl					
EMC	Prof dr Adriaan B. Houtsmuller	a.houtsmuller@erasmusmc.nl	Department of Pathology	Delineation of tumor cell migratory behavior in 3D environment	1	<ul style="list-style-type: none"> We are looking for a highly motivated, hardworking student to join our very international team. Our strength is in using team work to tackle large scientific questions and thus requires a student with good communication skills. Master degree or MD Scholarship that will, at least, cover subsistence allowance and international air plane ticket (we could help with the scientific part of your scholarship proposal) 	<ul style="list-style-type: none"> English language requirement: no requirement English speaking countries & Netherlands: no requirement Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs), or discuss for specific cases.
	Assoc. Prof dr Timo L.M. ten Hagen	t.l.m.tenhagen@erasmusmc.nl					

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EMC	Prof dr Wiro Niessen	w.niessen@erasmusmc.nl	Department of Medical Informatics	High-dimensional brain MRI measurements for genetic analysis	1	High-dimensional brain MRI measurements for genetic analysis	<ul style="list-style-type: none"> English language requirement: English speaking countries & Netherlands: no requirement Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)
EMC	Prof dr Wiro Niessen	w.niessen@erasmusmc.nl	Biomedical Imaging Group Rotterdam	Trackerless navigation approaches for interventional radiology and cardiology	1	<ul style="list-style-type: none"> We are looking for a highly motivated, hardworking student to join our very international team. Our strength is in using team work to tackle large scientific questions and thus requires a student with good communication skills. Master degree in an engineering discipline Scholarship that will, at least, cover subsistence allowance and international air plane ticket (we could help with the scientific part of your scholarship proposal) 	<ul style="list-style-type: none"> English language requirement: English speaking countries & Netherlands: no requirement Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)
	Dr. Theo van Walsum	t.vanwalsum@erasmusmc.nl					
EMC	Prof dr Wiro Niessen	w.niessen@erasmusmc.nl	Biomedical Imaging Group Rotterdam	Quantitative Imaging Biomarkers for Cardiovascular Diseases	1	<ul style="list-style-type: none"> We are looking for a highly motivated, hardworking student to join our very international team. Our strength is in using team work to tackle large scientific questions and thus requires a student with good communication skills. Master degree in an engineering discipline Scholarship that will, at least, cover subsistence allowance and international air plane ticket (we could help with the scientific part of your scholarship proposal) 	<ul style="list-style-type: none"> English language requirement: English speaking countries & Netherlands: no requirement Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)
	Dr. Theo van Walsum	t.vanwalsum@erasmusmc.nl					
EMC	Prof dr Carla C. Baan	c.c.baan@erasmusmc.nl	Department of Internal Medicine-Kidney Transplantation	Liquid Biopsy to Diagnose Rejection after Kidney Transplantation: A Game Changer?	1	<ul style="list-style-type: none"> We are looking for a highly motivated, hardworking student to join our very international team. Our strength is in using team work to tackle large scientific questions and thus requires a student with good communication skills. Master degree or MD Scholarship that will, at least, cover subsistence allowance and international air plane ticket (we could help with the scientific part of your scholarship proposal) 	<ul style="list-style-type: none"> English language requirement: English speaking countries & Netherlands: no requirement Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)
EMC	Prof dr Carla C. Baan	c.c.baan@erasmusmc.nl	Department of Internal Medicine-Kidney Transplantation	Generation of kidney organoids from pluripotent stem cells	1	<ul style="list-style-type: none"> We are looking for a highly motivated, hardworking student to join our very international team. Our strength is in using team work to tackle large scientific questions and thus requires a student with good communication skills. Master degree or MD Scholarship that will, at least, cover subsistence allowance and international air plane ticket (we will help with the scientific part of your scholarship proposal) 	<ul style="list-style-type: none"> English language requirement: English speaking countries & Netherlands: no requirement Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)
	Dr Martin J Hoogduijn	m.hoogduijn@erasmusmc.nl					

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EMC	Prof. dr. Ype Elgersma	y.elgersma@erasmusmc.nl	Department of Neuroscience	Gaining insight in the molecular mechanisms underlying neurodevelopmental disorders	1	<ul style="list-style-type: none"> We are looking for a highly motivated, hardworking student to join our very international team. Our strength is in using team work to tackle large scientific questions and thus requires a student with good communication skills. Master degree or MD Scholarship that will, at least, cover subsistence allowance and international air plane ticket (we could help with the scientific part of your scholarship proposal) 	<ul style="list-style-type: none"> English language requirement: English speaking countries & Netherlands: no requirement Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)
EMC	Prof. Dr. Chris I. De Zeeuw	c.dezeeuw@erasmusmc.nl	Department of Neuroscience	Cerebellar differentiation in development of motor functions and neurodevelopmental disorders	1	<ul style="list-style-type: none"> We are looking for a highly motivated, hardworking student to join our very international team. Our strength is in using team work to tackle large scientific questions and thus requires a student with good communication skills. Master degree or MD Scholarship that will, at least, cover subsistence allowance and international air plane ticket (we could help with the scientific part of your scholarship proposal) 	<ul style="list-style-type: none"> English language requirement: English speaking countries & Netherlands: no requirement Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)
	Dr. Martijn Schonewille	m.schonewille@erasmusmc.nl					
EMC	Prof. Dr. Chris I. De Zeeuw	c.dezeeuw@erasmusmc.nl	Department of Neuroscience	Cerebro-cerebellar Interactions during Cognitive Processing	1	<ul style="list-style-type: none"> We are looking for a highly motivated, hardworking student to join our international team. Since we are tackling complex scientific questions regarding decision making, procedural learning, as well as memory disorders, we hope to find a student is willing to learn new techniques, has affinity with quantitative data analysis, and can communicate well. Master degree in (bio)physics or neuroscience, an engineering degree, or an MD. Scholarship that will cover subsistence allowance and international air plane ticket. 	<ul style="list-style-type: none"> English language requirement: English speaking countries & Netherlands: no requirement Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)
EMC	Prof dr Wiro Niessen	w.niessen@erasmusmc.nl	Department of Neuroscience	Neuroimage Analysis and Machine Learning	1	<ul style="list-style-type: none"> This project requires a highly motivated, hardworking candidate with good communication skills, who likes to become part of our international team. Master degree in a technical discipline preferably with an affinity for medical applications (medical physics, biomedical engineering, physics, computer science, engineering, ...) Scholarship that will, at least, cover subsistence allowance and international air plane ticket (we could help with the scientific part of your scholarship proposal) 	<ul style="list-style-type: none"> English language requirement: English speaking countries & Netherlands: no requirement Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)
	Assistant Professor Dr. Esther Bron	e.bron@erasmusmc.nl					

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EMC	Prof dr Wiro Niessen	w.niessen@erasmusmc.nl	Biomedical Imaging Group Rotterdam	Image Analysis and Machine Learning	1	<ul style="list-style-type: none"> • This project requires a highly motivated, hardworking candidate with good communication skills, who likes to become part of our international team. • Master degree in a technical discipline (physics, mathematics, computer science, engineering, etc.) • Scholarship that will, at least, cover subsistence allowance and international air plane ticket (we could help with the scientific part of your scholarship proposal) 	<ul style="list-style-type: none"> • English language requirement: English speaking countries & Netherlands: no requirement Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)
	Associate Professor Dr. ir. Stefan Klein	s.klein@erasmusmc.nl					

EMC	Prof dr Wiro Niessen	w.niessen@erasmusmc.nl	Department of Radiology & Nuclear Medicine	Analysis of advanced musculoskeletal magnetic resonance imaging (MRI) data from clinical and population-based cohorts.		<ul style="list-style-type: none"> • This project requires a highly motivated, hardworking candidate with good communication skills and an affinity with medical imaging and musculoskeletal disease. Given the flexibility in topic and clinical versus technical focus, we encourage candidates with various backgrounds including medical and technical (e.g. biomedical engineering, physics or bioinformatics) to apply. • Master degree or MD • Scholarship that will, at least, cover subsistence allowance and international air plane ticket (we could help with the scientific part of your scholarship proposal) 	<ul style="list-style-type: none"> • English language requirement: English speaking countries & Netherlands: no requirement Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)
	Associate Professor Edwin H.G. Oei, MD, PhD	e.oei@erasmusmc.nl	ADvanced Musculoskeletal Imaging Research (ADMIRE)				