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04 HONOR ADVISOR DR. JARSHEN LIN
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05 IDRP DESCRIPTION
07 REGULATION
09 CHARLES UNIVERSITY CZECH REPUBLIC
12 THE CZECH ACADEMY OF SCIENCE CZECH REPUBLIC
14 HACETTEPE UNIVERSITY TURKEY
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18 NEAR EAST UNIVERSITY NORTH CYPRUS
20 NATIONAL YANG-MING UNIVERSITY TAIWAN
22 URAL STATE MEDICAL UNIVERSITY RUSSIA
Dear Friends,

The International Association of Dental Student has been dedicated on exchange program for years. To enhance the research study ability of dental students worldwide, each year around the world there are limited seats for motivated students to join the International Dental Research Program (IDRP) for 2 to 8 months long. In this time, you’ll be experiencing the state of the art facility by the local university and also get a closer glimpse in how they work on the innovative dentistry research. If you still have some leisure time, it will definitely be great to join those local students to experience more about the country. All in all, IDRP offers you the best choice to make your exchange period fruitful.

With all of my respect to the opportunity offered, IDRP is your future. It’s the new era of the progress in dentistry.

Huthaifa Abdelqader
Head of IDRP Working Group
Country: Turkey

Oscar Liu
Regional Scientific Officer of Asia Pacific
Country: Taiwan

Ruba Sh Halasa
Regional Scientific Officer of Middle East
Country: Jordan

Mirsad Kadić
Regional Scientific Officer of Middle East
Country: Bosnia and Herzegovina

Mariam Belamin
Regional Scientific Officer of Africa
Country: Morocco
Dr. Jarshen Lin is currently the Director of Extramural Education and the Director of Pre-doctoral Endodontics at the Harvard School of Dental Medicine at Harvard University. He is also the Chief Endodontist for Massachusetts General Hospital of Harvard Medical School (Top World and US Hospital by US News and World Report).

He has served as a member and a chair of the committees of the U.S. National Board Dental Examination Part II, the American Dental Education Association, the American Association of Endodontists (AAE), and the Academy of General Dentistry.

Beyond his teaching and mentorship activities, Dr. Lin serves as an Endodontics editor for various dental textbooks and is a member of the editorial boards of several journals. His most recent textbook publications include Endodontics Review by Quintessence Publishing in 2016 (the #1 best selling endodontics textbook on Amazon), and ENDODONCIA. Ciencia y tecnologia.

During his tenure at Harvard, Dr. Lin received fifteen local, national and international teaching awards, including the Edward Osetek Educator Award by the American Association of Endodontists. This award is the highest honor given to young educators in the field of Endodontics. He was selected as a Top Dentist by Boston Magazine in 2017 and 2018.
Dear Friends,

It is my great pleasure to be invited as the designer of IDRP booklet. I would like to take this chance to invited all dental students to join us reading this booklet to see what’s even more you can do to achieve excellence in dentistry. Each year in IADS SCORE team there are limited but marvelous opportunities for you to join the exchange program. My job is to make these opportunities looks fabulous on the publisher. Therefore, I’m back to work again.

For the last two years, I have seen lots of talented people in IADS, especially in designing. This is the reason why I’ve been pushing myself to the next level and never fail on doing any job I’ve got. All these efforts in IADS is never credited on just a person instead together is better. It’s my pleasure to work with these dental students worldwide and because of the good people, nice event, and also fruitful knowledge, IADS is as usually active. This year in the IDRP working team, we are seeking for even more. More students to join the exchange program, more intellectual scholar to give us advise and also lead us, and more opportunities provided so that we can make scientific even better and active just to benefit motivated students. As a matter of fact, I hope that this IDRP booklet will give you another point of view on your dental student life. Always the best wishes for everyone.

Love Ethan

Ethan Wu
“A vast contribution in the future of the dental research field”
IDRP is an academic exchange platform run by IADS member organizations and partners to offer short-term research internships to international students at research centers and universities. Its scope strongly works for the broad mission of IADS of narrowing the gaps between dental students worldwide, as it enables the students to explore different research settings and acquire this unique experience of enrollment among research team for awhile.

The Standing Committee on Research and Education within IADS is proud to assure the successful continuity of the International Dental Research Program - the first worldwide dental research exchange network which aims to transfer and foster research knowledge to the ones who desire to make a difference within their dental communities.

The students will attend dental research internships which consist of assisting a dental research project developed within a foreign University partner of the IDRP network. The internships takes place for about 2 to 8 weeks, the students being selected through a rigorous selection process and eventually having the facilities covered by the host university. In 2019, 6 universities worldwide offer research internships to talented dental students and young graduates in Czech Republic, Turkey, Lebanon, Northern Cyprus, Taiwan and Russia.

The program is a limestone in the dental student research activity, which purposes to enlighten talented dental students who one day will be the ones to push dentistry towards innovative and more successful treatments.
Selection Process

The students have submitted the complete application to the IADS National/Local Scientific Officers or the Project Leader (Mentor). The University receives the applications and has the option to select the students who better fit the scientific project.

A complete application consists of:

1. Curriculum Vitae in English
2. A letter of intent (a short description of the scientific activities should be attached)
3. Two letters of recommendation
4. Copies of Medical Certificates and Awards

The application materials should be written or translated in English.

Logistics

The Program/Network consists of Universities offering dental research internships to international students who are rigorously selected by the University.

A team of IADS National/Local Scientific Officers are in charge of successfully implementing and assuring the continuity of the Program.

The Universities have the full right of selecting the students who better fit the dental research internship.

The student is involved in a dental research internship for a period of time ranging from 2 to 8 weeks, and at the completion of the internship it is granted with a Certificate of Participation in the IDRP research internship.
Charles University was founded in 1348, making it one of the oldest universities in the world. Yet it is also renowned as a modern, dynamic, cosmopolitan and prestigious institution of higher education. It is the largest and most renowned Czech university, and is also the best-rated Czech university according to international rankings. There are currently 17 faculties at the University (14 in Prague, 2 in Hradec Králové and 1 in Plzeň), plus 3 institutes, 6 other centres of teaching, research, development and other creative activities, a centre providing information services, 5 facilities serving the whole University, and the Rectorate - which is the executive management body for the whole University.

For many years Charles University has been keen to incorporate the results of its research and development work into its teaching, and to ensure the greatest possible involvement of research staff and students in Czech and international projects. The success of the University’s research policy is reflected in rankings based on research achievement, which demonstrate that the University can compete strongly with many prestigious institutions outside the Czech Republic. Charles University staff have participated in a range of major international research projects – including the CERN (European Organization for Nuclear Research) program. The University’s world-class research teams include (to name but one) the internationally renowned Czech Institute of Egyptology.

The Times Higher Education World University Rankings for 2016–2017 ranked Charles University in 305th place among its five hundred ranked universities, making it the only Czech university to feature in the top five hundred.

The Academic Ranking of World Universities - the “Shanghai League”, which every year compares more than 1,000 of the world’s best universities (selected from a total of over 17,000 institutions), has repeatedly included Charles University in the third hundred, i.e. among the 2 per cent top universities in the world and one of the 100 best universities in Europe.
The role of metals as a risk factor of diverse diseases

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<tr>
<th>Period</th>
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<th>Available Positions</th>
<th>Professor</th>
<th>Local Coordinator</th>
<th>Expenses</th>
</tr>
</thead>
<tbody>
<tr>
<td>January-July,</td>
<td>1-2 weeks</td>
<td>2-3</td>
<td>Stepan Podzimek, Ph.D.</td>
<td>Martin Zapletal</td>
<td>€260 (Including accommodation for 2 weeks)</td>
</tr>
<tr>
<td>September-</td>
<td>6 hrs/day</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>December</td>
<td>4 days/week</td>
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The project evaluates the oral health in patients with suspected dental metal intolerance. The teeth health, periodontal pathogens presence, used dental materials, presence of inflammatory, lichenoid and pigmentation changes on the oral soft tissues, galvanic phenomenon and metal intolerance will be determined.

- Involvement: Following clinical examination of patient with oral cavity and laboratory test for dental metal materials intolerance determination and other immunologic and microbiologic tests performed in the lab.

- Benefit: Clinical examination of patients, insight to laboratory tests performed in Laboratory for oral biology.

- Email: stepan.podzimek@lf1.cuni.cz

Body implant failure as a consequence of metal intolerance

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</tr>
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<td>December</td>
<td>4 days/week</td>
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</table>

In a group of 40 patients whose orthopedic implants had failed and prevalent causes of implant failure (mechanical reasons, infection etc.) were excluded, immunologic tests to establish intolerance to metal compounds of implant will be performed and on the basis of test results more suitable implant material regarding individual susceptibility of the patient will be chosen, furthermore levels of cytokines in lymphocyte cultures stimulated by metal ions will be determined.

- Involvement: Following clinical examination of patient with oral cavity and laboratory test for dental metal materials intolerance determination and other immunologic and microbiologic tests performed in the lab.

- Benefit: Clinical examination of patients, insight to laboratory tests performed in Laboratory for oral biology.

- Email: stepan.podzimek@lf1.cuni.cz
The aim of the project is to evaluate the applicability of high throughput sequencing (HTS) as a tool for complex characterization of oral microbiome dynamics and thus for early diagnosis of risk and onset of periodontitis and for monitoring of treatment. The 7-year long-term study exploring the dynamics of changes in the oral microbiome composition in already established group of 20 initially healthy subjects and a control group of patients with chronic periodontitis will document in detail the transformation of healthy bacterial biofilm into the periodontal one. The HTS will be employed also for monitoring of oral microbiome during and after the therapy of a group of 60 patients with aggressive periodontitis treated by either of two standard procedures. Comparison of the outputs of both experiments will reveal whether the composition of subgingival biofilm differs in chronic and aggressive periodontitis. The complex methodological procedure for HTS integration into system of early diagnosis and treatment of patients with periodontitis will be developed.

- **Involvement:** Following clinical examination of patient with oral cavity and laboratory test for dental metal materials intolerance determination and other immunologic and microbiologic tests performed in the lab.

- **Benefit:** Clinical examination of patients, insight to laboratory tests performed in Laboratory for oral biology.

- **Email:** stepan.podzimek@lf1.cuni.cz
The Czech Academy of Sciences (CAS) was established by Act No. 283/1992 Coll. as the Czech successor of the former Czechoslovak Academy of Sciences. It is set up as a complex of 54 public research institutions. The Academy employs over 8,000 employees, more than a half of whom are researchers with university degrees.

The primary mission of the CAS and its institutes is to conduct research in a broad spectrum of the natural, technical and social sciences and the humanities. This research, whether highly specialized or interdisciplinary in nature, aims to advance developments in scientific knowledge at the international level, while also taking into account the specific needs of both the Czech society and the national culture. Researchers of the Academy institutes also participate in education, particularly through doctoral study programs for young researchers and by teaching at universities as well. The Academy also fosters collaboration with applied research and industry. The integration of the Czech science into the international context is being promoted by means of numerous joint international research projects and through the exchange of scientists with counterpart institutions abroad.

The supreme self-governing body of the CAS is the Academy Assembly, two-thirds of which is composed of representatives of all Academy institutes, the remaining third being representatives of universities, state administration, business circles, and other notable personalities. The executive body of the Academy is the Academy Council headed by the President of the CAS. The Council for Sciences is primarily engaged in setting science policy of the Academy. Members of each of these Academy bodies are elected for a four-year period. Academy Evaluation Committees, which correspond in their professional fields to respective science sections of the Academy, perform an independent assessment of the quality of research and research objectives of the individual Academy institutes.

The CAS has also been assigned financial responsibility for 71 specialized Czech scientific societies associated with the Council of Scientific Societies.
Odontogenesis in model mammalian organisms

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<th>Available Positions</th>
<th>Professor</th>
<th>Local Coordinator</th>
<th>Expenses</th>
</tr>
</thead>
<tbody>
<tr>
<td>August - September</td>
<td>2 weeks 6-8hrs/day</td>
<td>1</td>
<td>Assoc. Prof. Marcela Buchtova, Ph.D.</td>
<td>Martin Zapletal</td>
<td>-</td>
</tr>
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</table>

Tooth replacement in vertebrates is initiated from a structure at the end of the dental lamina, known as the successional dental lamina (SDL). The timing of SDL initiation is species-specific and generally arises earlier in animals with a simpler tooth shape, such as in python, in contrast to the complex teeth of mammals. Lifetime and morphology of the dental lamina differ among species depending on how many generations of teeth are initiated during the animal’s life. For example, diphyodont species such as humans, ferrets and pigs, the dental lamina starts to disintegrate when the first generation reaches the late bell stage, stopping further potential for replacement. In contrast in snakes and lizards with continuous tooth replacement, the lamina remains as a permanent structure linking the forming teeth together. The dental lamina has been proposed to contain a population of stem cells, which provide a source of cells for the generation of future teeth. Key questions we aim to address are:

- What signals lead to the breakdown of the dental lamina in mammals?
- What signals control formation of the dental stem cell niche?
- What prevents tooth replacement in monophyodont (one tooth generation) mammals.

- Involvement: The students will get a chance to participate, observe and also assist in research and experiments.

- Benefits: Advanced knowledge in developmental biology, tissue engineering and laboratory methods are required.

- Email: buchtova@iach.cz
The Chair of Child Health, deemed to be the origin of Hacettepe Faculty of Medicine, was founded as part of the Faculty of Medicine, Ankara University by Prof. Dr. İhsan Doğramaci on February 2, 1954. The foundation stone of the university was laid in 1957 with the Child Health Institute and Hospital within Hacettepe, which began its training, education and research activities and public services in 1958.

As a research-oriented university committed to the promotion of excellence in education in line with universal values, our mission is to educate and nurture students as individuals equipped with quality and depth of provision in all fields; empowered by inspiring intellectual curiosity and critical minds, open for improvement; and to contribute to society through research, technology, and public services it pursues.

The vision of Hacettepe University is to become a leading university where the individuals are proud to be a member of both in the national and international arena, leading the change and development.

Hacettepe University acts in accordance with the following basic principles as a university which acts with respect to the transparency and accountability terms, has a sustainable strong financial structure, is fair to the staff and does not make discrimination among the stakeholders, respects variability, gives importance to justice and worthiness, is ready to go beyond the limits in task definitions, forces change to achieve better results, and which produces added value. importance to the views and ideas of the stakeholders and observes them in the related processes.

Hacettepe University, as one of the leading universities in the country, keeps contributing to social development and universal values in the fields of science, technology and art.
The Effect of Different Polishing Protocols on The Surface Roughness and Color Stability of The Enamel of Bovine Teeth

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<th>Local Coordinator</th>
<th>Expenses</th>
</tr>
</thead>
<tbody>
<tr>
<td>July/August</td>
<td>2 weeks 4hrs/day</td>
<td>3</td>
<td>Dr. Güliz Güncü</td>
<td>Huthaifa Abdul Qader</td>
<td>€100-200 (Accommodation for 2 weeks)</td>
</tr>
</tbody>
</table>

The aim of this study is to assess the effect of the three different polishing protocols (pumice flour, prophy paste and air abrasion) on the surface roughness and color stability of the enamel.

- Involvement: Students will take part in all the steps of the study; except preparing forms for ethics committee application, obtaining tooth samples and statistical analysis of the study.

- Benefit: Students would learn to use Surface Profilometer, Spectrophotometer (Vita Easy Shade), SEM and the air abrasion machine.

- Requirement: Scrubs and laptops are required.

- Email: gngun1@gmail.com
Beirut, the Lebanese metropolis, birthplace of the alphabets, and a meeting point of civilizations holds a distinctive geographic location overlooking the Mediterranean Sea. This setting distinguishes the city from a cultural, economic, commercial, and academic perspective. Therefore, it is the core for various institutions, including universities, which project the city's distinctive historical background. Beirut Arab University (BAU), located in the heart of Beirut, is a center of culture and enlightenment.

BAU's strategy for the years 2013-2020 develops the goals set forth in the strategy of 2007-2012. The next decade will witness various changes for the University with regards to the governance system, excellence in education, academic staff excellence, research excellence, academic and student services, university life, public engagement, alumni and friends network, international relations and financial resources.

To be among the top universities in the region, with a global perspective that generates multicultural leaders equipped with competence and insightfulness for the development and progress of the society.

BAU has been committed, since its establishment in 1960, to offer outstanding educational programs and to provide an embracing environment for academic creativity and development of leadership skills, instilling the concept of social responsibility, while respecting diversity and multicultural understanding. The University promotes a stimulating academic atmosphere for its academic staff to ensure excellence in research and the dissemination of its outcomes to address community needs, both nationally and internationally. BAU relies on the contribution of the University’s expertise in the sustainable development of the local community while maintaining engagement with its alumni. BAU believes in its highly efficient leadership, well-structured governance system and greatly motivated academic staff.
Innovations in polymer chemistry have allowed the introduction of highly effective self curing adhesives which provide exceptional bond strength particularly on zirconia and metallic surfaces without the need for light curing. Despite that, the effect on dentine surfaces is still not clear. The goal of this project is to investigate the bond strength of novel self curing adhesives on dentine substrate.

- Involvement: The student can be enrolled in a 1 or 2 weeks program to participate in the theoretical/paperwork, lab work testing and experiments for evaluation. Students will be involved in specimen preparation and teeth embedding, bond strength testing in addition to writing parts of the article.

- Benefit: Students will acquire research design and methodology skills. In addition, on a practical level the student will be able to embed teeth samples in acrylic molds and perform tooth sectioning. Students will also work on Universal Testing machines and will understand the execution of shear bond strength test.

- Requirement: Scrubs and laptops are required.

- Email: jouliajouni@gmail.com
The Near East University, established in 1988, is located in Nicosia, capital of North Cyprus, and as an international higher education institution employing highly qualified staff, offers the most extensive undergraduate and postgraduate education opportunities to over 26 thousand students coming from over 100 countries. The Near East University has 19 faculties comprising 220 departments and programs, 8 graduate schools with around 218 graduate and postgraduate programs, and 3 high schools, 28 research institutes, and has several international memberships. The University is already a full member of the European University Association (EUA), International Association of Universities (IAU) within the body of UNESCO, International Society for Engineering Education (IGIP), Joint Commission International (JCI), the Federation of the Universities of the Islamic World (FUIW), 118 other national and international institutions and foundations.

The Near East University, standing out as a small town of education in center of Cyprus, comprises many firsts in Cyprus. The Faculty of Dentistry which is the first and only faculty of North Cyprus; the Dentistry Clinics which are the first JCI accredited private dentistry clinics of the world; the Grand Library, the biggest and most comprehensive library of Eastern Mediterranean region with over a million printed materials and 115 million electronic sources, where several national and international conferences are held; Hospital of Near East University which is the most advanced research and training hospital of Eastern Mediterranean region. The students of Near East University, are provided with all-round on campus facilities and opportunities such as sports fields, shops, restaurants, dormitories with a capacity of 5000 people, health and fitness centres, hospitals, cafes, student clubs, radio-TV centre, library, Olympic swimming pool, national and international banks, travel agencies, post office, scheduled coaches traveling between city and airport from early morning till late night, 24 hours security and health services.

Since its establishment, the Near East University, primarily aiming to educate self-confident, highly qualified, dedicated and determined individuals, has made an incredible progress and turned into the largest higher education institution and cultural centre of Cyprus.
Antibacterial efficiency of Exosomes derived from stem cells with various antibacterial agents against Enterococcus faecalis

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<th>Expenses</th>
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<tbody>
<tr>
<td>July 1st - 15th</td>
<td>2hrs/day</td>
<td>2</td>
<td>Dr. Serap Cetiner/ Dr. Tamer Sanlidag</td>
<td>İsmet Ersalica</td>
<td>€100 (Accommodation including 3 meals a day)</td>
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Isolation of clinical enterococcus faecalis, Cell Culture. Interaction between E. Faecalis and stem cells.

- Involvement: Students will observe antibacterial resistant of E. Faecaliss in failed canal treatments, make Cell Cultures and learn new therapeutic techniques against E. Faecalis.

- Food: €30/day, Nicosia to Kyrenia Transportation: €20 by Taxi, Public Transportation: €5 (one-way). School bus can be used for urban transportation €3

- Email: aylin.islam@neu.edu.tr
Founded in 1975, National Yang-Ming University, formerly known as National Yang-Ming College of Medicine, has been adhering to the school motto of “benevolent mind and art, putting knowledge into practice” while training excellent humane doctors to provide service by solving medical problems in remote and rural areas.

Graduated in 1982, the first government-sponsored class of the Faculty of Medicine was sent to public clinics and hospitals. Since then, our graduates have penetrated all corners of Taiwan and became pioneers in basic healthcare services. As our graduates won warm acclaim from society, we found that we had successfully accomplished our initial mission.

In order to cultivate a new generation of professional medical talents, we began to expand our disciplines into biomedicine. In 1994, we were promoted to “National Yang-Ming University” and became the first medicine-oriented comprehensive university in Taiwan. In 2007, the School of Humanities and Social Sciences was established, and the Center for General Education renamed as the Center of Humanities and Social Science was combined into the School of Humanities and Social Sciences in 2008. In 2015, the School of Pharmaceutical Sciences officially launched its operation. As of the 2016 academic year, NYMU has seven schools with 11 undergraduate programs, 34 master programs and 28 PhD programs. In addition, NYMU has more than 20 research centers with emphasis on cancer and immunology, brain research, biophotonics, aging and health, and biomedical engineering.

As a medical education oriented comprehensive university, we aim to provide quality teaching and cultivate advanced professionals. Instead of traditional "subject based learning (SBL)", we continuously promote “problem based learning (PBL)” to cultivate the students' motivation for self-learning and self-centered learning skills. Through the teaching of fundamental science, we plan to lay a solid foundation for the students to help them stand firm and develop progressively. In addition, we also place great emphasis on training in professional know-how, and diverse learning.
In this project, we’ll develop bioinks for our extrusion bioprinter. The bioprinter in our lab can print hydrogel. Students participating in this project have to synthesis hydrogel and mix hydrogel bioink. The research objective is to find the correct formula of hydrogel bioink that can be printed by bioprinter.

- Involvement: Students will perform polymer synthesis, bioink mixing, and 3D printing.

- Benefits: Students will learn the basics of 3D printing, bioprinting, bioink mixing and synthesis of hydrogel, as well as techniques to characterize materials, such as FTIR, NMR, SEM, rheology tests.

- Email: ymlin@ym.edu.tw
The Ural State University is located in the city of Yekaterinburg, Sverdlovsk Oblast, Russian Federation. Founded in 1920, it was an exclusive educational establishment made of several institutes (educational and scientific divisions) which later became independent universities and schools.

Established in 1936 the University was named after one of its founders, Russian author Maxim Gorky. It is the second oldest University in the Middle Urals (the oldest being Urals State University of Mines) and one of the most prestigious universities in Russia; preparing research, educational and managerial elite on the basis of the integration of academic process and scientific research. It offers education in dozens of scientific and educational fields including 53 graduate programs. In 2007 Dmitriy Bugrov was elected new rector,[1] while the incumbent Vladimir Tretyakov took the office of the President, representing the University in international affairs.

The USU is organized into 95 chairs and 14 departments. These are Biology, Journalism, Culturology & Arts, History, Mathematics and Mechanics, Politology and Sociology, Psychology, Physics, Philology, Philosophy, Public relations, Chemistry, Foreign affairs, and Economics. Among the University's faculty there are 18 academicians of the Russian Academy of Sciences.

The University also has a Lyceum, the Leonardo Italian College, an Institute of Physics and Applied Mathematics, an Interregional Institute of Social Sciences, the Russian-American Institute of Economy and Business, the Institute of Management and Entrepreneurship, a distance education center, the Russian Culture Institute, an observatory, a botanical garden, a scientific library with over 1,200,000 volumes, a publishing house, several museums, a special chair of Russian as foreign language, a laboratory for e-learning of foreign languages, and offers refresher courses and Institutes for Further Education and Training.
- Diseases of hard tooth tissues (caries, attrition, abrasion, erosion)
- Demineralization and remineralization (experimental studies)
- Material science in restorative dentistry

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<tbody>
<tr>
<td>July-August 10th</td>
<td>2 weeks 4hrs/day</td>
<td>3</td>
<td>Mandra Julia/Alina Kozlineeva/Elena Svetlakova</td>
<td>Kristina Danilovich</td>
<td>€550 (unilateral exchange fee, accommodation)</td>
</tr>
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Restorative dentistry, material science, a study of modern diagnostic and therapeutic approaches for hard tooth tissue diseases.

- Involvement: Visiting the clinical centers, participating in medical and laboratory work, writing scientific work.

- Benefits: Skills of sample preparation, oral health examination, diagnosis and treatment of hard tooth tissues diseases will be taught.


- Public Transport: 28 RUR (€0.4) for a single ride, Food: Fair lunch options for about 350 RUR (€5), Generally between 600-1000 RUR per day (€8-15)

- Email: int.dept@usma.ru