

On the Road to the European Research Area

Letter from the Editor

In the previous edition's editorial I made reference to the transatlantic dialogue between Science & Technology Policy players in Austria and Austrian Scientists in the U.S. and Canada. This dialogue is part of a much broader discussion between the EU and European Scientists & Scholars in North America. The desire for such a dialogue is fairly recent and is driven by motives very similar to those that have led to Austrian initiatives aimed at turning the "brain drain" into a "brain gain". The prevailing motive is that the declared goal of turning the European Research Area into one of the world's most competitive regions for science & technology requires a much stronger influx of researchers into Europe than is now the case.

A vision of Europe as a stronghold of excellent research is what drives the considerable and serious efforts of the European Union to get in touch with European scientists in the U.S. and to open doors for those that are interested in doing R&D in Europe. The recent EU conference in Washington DC on scientists' mobility, about which you will find a brief report in this edition of inform@ion, is a fine example of that effort.

The road to a European Research Area that can hold its own in competing with the U.S. for the world's most talented researchers is tenuous, though, because the coordination of the national agendas in regards to attracting foreign and expatriate researchers faces considerable barriers.

The most significant barrier is an assumption that is not uncommon for large government bureaucracies: that the problem is well-known and understood; that what needs to be done to address the problem is clear; and that there is usually only this way of solving the problem. This is a potentially dangerous and costly way of viewing the world.

When it comes to the reasons that make people choose one place over another to do research, we know very little about the complex interplay of the myriad motivations and constraints. There are some sweeping generalizations, however, that can safely be made, such as that Europe is for some reason just not as attractive to scientists as the U.S. That is evidenced not so much by the high numbers of Europeans in the U.S. but by the appallingly small number of American scientists or other non-European scientists that choose to pursue a scientific career in Europe.

The conclusion that I draw from this is that we ought to do two things in Europe: to continue on the ambitious road towards the European Research Area by harnessing the strengths embodied by the superb scientists across Europe, and to listen at the same time to those who don't do research in Europe anymore or don't do it there yet, but one day might very well decide otherwise.

In order to listen, we have to know who they are. Developing networks of European scientists in the U.S. and in Canada is a way to find out who they are. It is not the solution to Europe's lackluster R&D performance, but a means to gain a complete understanding of the problem and potential solutions. Two years ago, Austria could not have done a lot of listening, because



the “official Austria” was in touch with only a handful of “expatriate scientists” in the U.S. In the meantime, we know of about six hundred such “expatriates”. And if they are willing to talk to us, we are willing to listen to them.

P. Steger


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Editorial Information

"**Inform@ion for Austrian Research & Science Abroad**" is a free, web based publication, provided by the Office of Science & Technology/ Embassy of Austria, Washington D.C., U.S.A.. Feature articles reflect the opinions of the respective authors. The views and opinions expressed in "Inform@ion" do not necessarily state or reflect those of the Embassy of Austria. *Publisher, editor in chief:* [Philipp Steger](#) *editors, research & web-implementation:* [Jutta U. Kern](#) & [Stephan Neuhäuser](#) & Inanc Atilgan. *proof-reading, translations:* [Jutta U. Kern](#) & [Stephan Neuhäuser](#).

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Language Policy Of "inform@ion"

Our decision to provide large parts of "inform@ion" in the English language is in response to numerous requests we have received over the time. Many Austrian – or formerly Austrian – researchers working and living in North America have sometimes found it difficult to follow an all-German newsletter, despite their genuine interest in Austria's R&D policy developments. Hence, providing this newsletter in English aims at encouraging Austria's scientists and scholars in North America to spread the news in their respective professional surroundings. We believe this will facilitate an intercultural and transatlantic dialogue on science and technology. Therefore, we have decided to translate all parts of this publication into English that report on general developments and the status of Austrian R&D, science and technology policies. This decision encompasses the *feature articles*, as well as general news and information on research, science & technology policies in Austria contained in the *Homepage*. Additionally, we will leave calls, proposals and announcements in their original language, either English or German. We would be happy to receive any [feedback](#) from you!

Feature Articles:

- 1) [Institute for International Transfer of Education and Training \(BIB\)](#)
- 2) [Brain Power Austria](#)

The Federal Institute for International Transfer of Education and Training (BIB)

by Gernot Grimm
[Executive Director](#)

Bundesinstitut für Internationalen Bildungstransfer
([BiB](#))




The Federal Institute for International Transfer of Education and Training ([Bundesinstitut für Internationalen Bildungstransfer / BIB](#)) was set up by the [Federal Ministry for Education, Science and Culture](#) in autumn 2001. The purpose of BIB is to link up exportable aspects of the Austrian education & training, research, science and technology system with the commercial export interests of Austrian businesses on a project-related basis.

Due to its broadly diversified approach, BIB functions as an information platform and a major hub for trade and industry, research and education.

The members of BIB that belong to the official administration system are: The Federal Ministry for Education, Science and Culture ([BMBWK](#)), the Austrian Foreign Ministry ([BMAA](#)), the Ministry for National Defense ([BMLV](#)), the Ministry for Economic Affairs and Labour ([BMWA](#)), and the Ministry for Transport, Innovation and Technology ([BMVIT](#)).

Following institutions out of the Austrian education and science system are members of BIB: the Austrian Rector's Conference ([Rektorenkonferenz](#)), the Conference of Universities of Applied Sciences ([Fachhochschulkonferenz](#)), the Council of Universities of Applied Sciences ([Fachhochschulrat](#)), [Kulturkontakt Austria](#), Austrian Exchange Service ([Österreichischer Austauschdienst](#)), Universities and Universities of Applied Sciences.

Moreover, education and science networks like Asea European University Network (ASEA Uninet), Eurasia-Pacific Education Network, Office of Science & Technology ([OST](#)), Research and Higher Education in Central Asia are associated.

 Trade and industry are represented by the Federal Chamber of Labour ([Bundeskammer für Arbeiter und Angestellte](#)), the Austrian Federal Economic Chamber ([Wirtschaftskammer Österreich/WKÖ](#)), the Austrian export credit agency Österreichische Kontrollbank ([OeKB](#)), industry representatives, banks and infrastructure operators.

The city of Graz is already a BIB-member. Vienna is on its way to becoming a member of BIB. Together, those cities will contribute important know-how in the municipal sector.

Consequently, BIB constitutes a national and international information, communication and organisation platform that is based on commercial projects and is placed in the triangle of education & training, science/research/technology, and industry. The institute arranges business-relevant projects and acts as a project coach.

One short example: A research institution and/or university institute has been doing research on a special therapy for years. This knowledge is urgently required by other universities all around the world and companies that specialize in medical technology. Up to now, the Austrian researcher, scientist respectively professor has provided his know-how without costs or far below market value (e.g. in a seminar or symposium). This know-how, however, could be export financed as a research export - like any other traded good or service - and could be subject to a market-driven payment by the foreign customer (university or companies). On the one hand, the advantage would be that those sectors of our research system that are related to practice would be aligned to the market's needs and demands. On the other hand, the research institutions would have the possibility to increase their level of self-financing.

Given that, existing university networks can be supported and aligned to market requirements. Moreover, research and training focuses can be matched with industrial and business needs. The approach of BIB is, however, interdisciplinary and strongly based on projects. This is the reason why the different "cultures" of research and business have to get to know each other better in a creative way and - given a certain pressure to succeed - learn how to work together.

To conclude, the purpose of BIB-activities is to commercialize know-how, technology, education and training at market-driven prices. The industrial sector will be involved within the scope of the Austrian export finance and - if required - to finance research and know-how/training. In addition to that, BIB promotes the inclusion of requirements and needs of the business sector into the university curricula and research focuses. Consequently, research and education will be driven closer to the market in Austria and will also become more attractive to foreign researchers, teachers and students. The willingness of the Austrian business sector to invest more in research and development should also be increased and raised to the international level by these measures. If it succeeds with its efforts to further push the internationalisation of Austrian education and research institutions by exploiting new finance opportunities on the basis of business-relevant projects, then BIB has fulfilled its mission.

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Brain Power Austria

An initiative to strengthen Austria's innovative force

by Gerald Müller-Niklas

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At the Alpbach Technology Symposium 2003 the [Federal Ministry of Transportation, Innovation and Technology in Vienna](#) presented its plan to start an initiative with the aim of converting "brain drain" into "brain gain" in order to reinforce the human resources potential of Austria's innovative companies and research organisations. Moreover this initiative should counteract the predicted shortage of at least several hundred researchers in the field of natural and engineering sciences in the coming years.

Within the scope of the whole initiative the BMVIT launched three specific measures to stimulate the investment into Austria's innovative system: Brainpower Austria, Femtech and Scientists for Industry.

For the implementation of Brainpower Austria the BMVIT has charged the [BIT - Bureau for International Research and Technology Cooperation](#) together with the [Office of Science & Technology \(OST\)](#) in Washington DC with a two-year project. The main goal of Brainpower Austria is to support austrian researchers willing to return to their home country with special reference to scientists active in the USA and Canada but also to mediate the hiring of highly competent researchers from

other countries who seek employment in Austria, both resulting in an increase in the number of active researchers in Austria.



In order to stimulate the mobility of scientists towards Austria it will be necessary to improve the information flow between the scientific community in Austria and the researchers abroad especially concerning up-to-date scientific job offers from Austrian organisations which has been identified as one of the major obstacles for the repatriation of researchers. One of the key elements will be the setup of an online data-base which should on one hand facilitate selective recruitment processes for organisations by examining posted CV's of individual researchers and on the other hand offering an comprehensive overview about open research positions in Austria for scientists abroad.

The network of Austrian scientists & scholars in North America established by the OST will be the main tool to identify, contact and mobilise scientists active in the USA and Canada and to spread informations about Brainpower Austria. Moreover the OST together with the BIT intend to organize roadshows in North America beeing part of their information campaign. These roadshows should give first hand information about up-to-date developments within the Austrian research landscape as for instance the foundation of the MAGNA Chairs at the University of Technology in Graz. Frequent meetings in Austria of the "alumni" mediated by Brainpower Austria are planned as an extension of the scientists' network.



One of the major tasks of this project will be the proactive promotion of expatriate researchers willing to return to their home country but not having a job offer in the field of research or innovation. As mentioned above one support measure will be the posting of their CV's in the Brainpower database in order to facilitate recruitment. The second action will be the direct promotion of the candidates through personal presentation in the companies and research organisations by the project representatives. For succesfull candidates there will be additional subsidy for travel to allow a job interview researchers in Austria.

Another objective of Brainpower Austria is to establish an efficient relocation service by the BIT in cooperation with the regional information and consulting organisations in Graz ([APS](#)), Salzburg ([CATT](#)) and Innsbruck ([BEP](#)). All researchers who seek employment in Austria can benefit from this service which should help with problems emerging from settlement or reintegration (day-care centers for children, job for the spouse, ...).

Summing up, it may be said that Brainpower Austria is not an attempt to simply repatriate Austrian researchers working abroad since it is without a doubt an invaluable asset to have Austrian experts in the North American innovation system. It is an action taken by the BMVIT to reinforce Austria's human resources potential in the field of research and technology by providing significant support measures to those researchers who opt for carrying on their scientific careers in Austria.

Start of the project is the 1st december 2003. The BIT will hire 2 full time employees for the implementation of the project. Project coordinator is Gerald Müller-Niklas (mniklas@bit.ac.at) who is responsible for the Human Resources programs within the BIT.



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for Austrian Research & Science Abroad

Feedback Abonnement

Newsletter #14, Dezember 2003/ Januar 2004

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Research, Science & Technology Policy in Austria

New Science Foundation Endowed With EUR 3,3 Billion

The National Science Foundation will be endowed with EUR 3,3 billion by the [Austrian National Bank](#) and the [ERP-Fund](#). Minister for innovation Hubert Gorbach (F) said that EUR 125 million will be paid out on a yearly basis (EUR 75 million from the National Bank, Eur 50 million from the ERP-Fund) which represents a guaranteed return of 4% per year, which will add up to EUR 375 million till 2006. The total "additional" public expenditure allocated for research till 2006 will amount to roughly EUR 1 billion till 2006.

The ERP-Fund with current assets of EUR 2,7 billion, was set up in 1962 with an endowment from the U.S.-Marshall-Plan (ERP - European Recovery Program). The U.S. government has already expressed its explicit consent to using a part of the ERP-Fund's assets for the National Science Foundation.

Austrian Academy Of Sciences: Herbert Mang Follows Werner Welzig As President

Herbert Mang, previously secretary-general of the [Austrian Academy of Sciences](#), is the new President of Austria's largest extra-university research center. Mr. Mang, professor at [Vienna's University of Technology](#) (TU) since 1983, is member of the Section for Mathematics and the Natural Sciences of the Academy. The Viennese-born Herbert Mang became research assistant at the TU in 1967, and earned his ph.d at the [Texas Technological University](#). He has also conducted research at [Cornell University](#), the [University of Tokyo](#) and at the [Zhengzhou Research Institute für Mechanical Engineering](#).

Austrian Government Appoints Science Counsellors

The Austrian Government appointed the remaining 8 members out of 12 of the Science Council ("Wissenschaftsrat") who advises the government on science related issues. The new members are: **Christiane EBEL-GABRIEL**, secretary-general of the German University Rector's Conference, **Hellmut FISCHMEISTER**, member of the Austrian Academy of Sciences, **Lorenz FRITZ**, secretary-general of the Federation of Austrian Industry, **Horst KERN**, president of the Philipps-University Marburg/Germany, **Wolfgang MANTL**, vice-chairman of the Institute of Public Law, Political Science and Administration at the University of Graz, **Johanna RACHINGER**, director-general of the Austrian National Library, **Margret WINTERMANTEL**, president of the University of the Saarland/Germany, vice-president of the German University Rector's Conference and chair-person of the Standing Commission for Research and Young Scientists, **Jochen ZIEGENFUSS**, president of the board of directors of Wietersdorfer&Peggauer-Cement Ltd. The other members of the Science Council were already appointed in January 2004. They are **Janet RITTERMAN**, director of the Royal College of Music/London, **Heinz ENGELHARDT**, University of the Saarland/Germany, **Herbert MANG**, Vienna University of Technology, president of the Austrian Academy of Sciences, **Jürgen MITTELSTRAß**, University of Constance/Germany, member of the University Board of Trustees.

Ludwig-Boltzmann-Society: New Structure As Of 2005

The call for tenders for the new institutes of the restructured [Ludwig-Boltzmann-Society](#) (LBG) is due to begin in January 2004 as reported by the

Austrian Press Agency APA. Draft concepts for the new institutes should be completed by early 2005 in order to start research in mid-2005. The main focus of the LBG will be on medicine and to a smaller degree on social studies. Natural and technological sciences will only be supported if they fit into the medicinal context.

LBG institutes will be headed by a full-time researcher who will be supported by 2 so-called key researchers. The aim for 2007 is that the fully-fledged LBG institutes for medicinal studies will employ approximately 15 employees, whilst the institutes for social studies should employ about 10 specialised personnel.

The Federal Commission For Medicinal Infrastructure Approves Med-Austron Project

The Federal Commission For Medicinal Infrastructure at the Federal Ministry of Health has approved the multi-million-Euro project Med-Austron. Med-Austron will be center for cancer research and treatment located in Wiener Neustadt near Vienna in the province of Lower Austria. The project was previously approved by the Council for Research and Technological Development. The start of construction is foreseen for the year 2005, which means that the first patient may be treated at the Med-Austron Center in 2008.

New Research Strategy for the Austrian Research Centers at Seibersdorf

The board of trustees of the [Austrian Research Centers at Seibersdorf](#) (ARCS) has decided on a new research strategy for the ARCS. In the future the institutes at ARCS will focus on 4 thematic topics: embedded systems, nano-technology, bio-informatics and environmental systems research. The focus on four focal points will be achieved by integrating the current 8 fields of competence: life sciences, bio-genetics, intelligent systems, new materials, medicinal technology, medicinal physics, nano-system technologies and intelligent media technology. Research shall be conducted on an interdisciplinary basis.

Fee exemption for visa-applications for exchange-scientists incoming with Austrian Academies of Science

As of August 2003 there will be no charge anymore for the issuance of visas for scientists who visit Austria within the Scientists-Exchange-Program of the Austrian Academies of Science ([ÖAW](#)). These visa applications are to be regarded of national public interest. An amendment to the "Konsulargebührengesetz" to be expected for September 2003 should also grant fee exemptions for guest scholars and researchers who visit Austria with others than the ÖAW-programs.

Study on Innovation And Higher Education in Austria

On behalf of the Federation of Austrian Industry, the [bm.bwk](#) (Federal Ministry of Education, Science and Culture), the [BMWA](#) (Federal Ministry of Economic Affairs and Labour), the [AK](#) (Chamber for Labour Matters - Arbeiterkammer), des [ÖGB](#) (Federation of Austrian Trade Unions) und der [WKÖ](#) (Chamber for Trade and Commerce) the [oibf](#) (Austrian Institute for Educational Research) together with the [ibw](#) (Institute for Educational Research of the Economy) conducted a [study](#) on Innovation And Higher Education in Austria focussing especially on natural sciences and engineering. The study shows that Austria lacks personnel in research and technological development. In the medium-term Austria will need approximately 800 additional graduates in the field of natural sciences and engineering yearly.

Study By The Institute Of Economic Research: Austria As A Location For Research Centers

On behalf of the Austrian federal government the [WIFO](#) (Institute Of Economic Research) conducted a [study](#) on "Austria as a location for research centers." In order to focus structural measures on research and innovation, training and qualification and the reform of the labour market, WIFO's study suggests increase research budgets and to carry out drastic organisational reforms.

OECD: Austria Invests too little In Knowledge

A study by the OECD's ([Science, Technology and Industry Scoreboard 2003](#)) shows that Austria does not invest sufficiently in science and research compared to average OECD member states. The OECD-average is 4,9% (Austria: 3,9%). Investments in science and research are high in Sweden (7,1%), the U.S. (6,8%) and Finland (6,2%). Poland, Mexico and Greece are at the end of the list, spending only about 2% of the GDP on science and research.

The Science, Technology and Industry Scoreboard shows that also non-OECD countries value S&T expenditures. Model countries in this respect are Israel, China and India.

FWF sieht Finanzkrise gelöst

Nach Verhandlungen zwischen Infrastrukturminister Hubert Gorbach (F) und FWF-Präsident Georg Wick erhält der [Fonds für die wissenschaftliche Forschung](#) (FWF) heuer insgesamt 100 Mio. Euro mehr für wissenschaftliche Forschungsprojekte. Das sind um 8,5 Mio. Euro oder neun Prozent mehr als im Vorjahr. Alle Projekte, die seit dem Juni "eingefroren" waren, könnten nun freigegeben werden. Außerdem würden die Mittel auch reichen, alle hervorragend beurteilten Großprojekte, die heuer beantragt wurden, einzurichten. Wenn die strengsten Qualitätsmaßstäbe angelegt werden, werde in diesem Jahr kein exzellentes Projekt aus finanziellen Gründen abgelehnt oder weiter verzögert werden.

Statistical Handbooks For Austrian Education, Science, Research and Culture online

2003: [Download: PDF, 2198 KB](#)
 2002: [Download: EXCEL, 751 KB](#), [Download: PDF, 2297 KB](#)
 2001: [Download: EXCEL, 1224 KB](#), [Download: PDF, 2258 KB](#)
 2000: [Download: EXCEL, 910 KB](#), [Download: PDF, 169 KB](#)
 1999: [Download: EXCEL, 505 KB](#), [Download: PDF, 132 KB](#)
 1998: [Download: EXCEL, 325 KB](#)

**Harald Isemann To Become Administrative Director Of The Institute of Molecular Pathology**

Harald Isemann, currently secretary-general of the [Technologie Impulse Ltd.](#) (TIG), is to become administrative director of the [Institute of Molecular Pathology](#) (IMP) in Vienna, a subsidiary of Boehringer Ingelheim. The IMP is located at the [Vienna Bio Center](#). Dorothea Sturn and Harald Hochreiter will take over TIG's general secretariat from Mr. Isemann in mid-February. According to government plans the TIG, the [FFF](#) (Austrian Industrial Research Promotion Fund), the [Austrian Space Agency](#) (ASA) and the [Bureau for International Technology Cooperation](#) (BIT) will be merged into a single research organisation.

**Start of Construction of the "Gallery of Research" in Vienna**

On the initiative of the outgoing president of the [Austrian Academy of Sciences](#) (OeAW), Werner Welzig, the "Gallery of Research" was conceived. The managing director for the EUR 10 million-project is the former director-general at the Federal Ministry of Education, Science and Culture, Raoul Kneucker. The gallery will be constructed in Vienna's old university and will also comprise the auditorium from 1623. The grand opening is scheduled for October 2006.

**New Institute For Quantum Optics and Quantum Information Founded At The University Of Innsbruck**

The Institute was founded by the [Austrian Academy of Sciences](#) (OeAW) and will support the cooperation of resercher teams at the Innsbruck and Vienna Universities. The institute will be financially supported by the Federal Ministry of Education, Science and Research, the Council for Research and Technological Development, the prvince of Tyrol and the city of Innsbruck. Further Information: [Institute for Experimental Physics](#), [University of Innsbruck](#)

**Haus-, Hof- und Staatsarchiv wiedereröffnet**

Am 23. September wurde das Haus-, Hof- und Staatsarchiv am Wiener Minoritenplatz nach zweijähriger Renovierung wiedereröffnet. Der Architekt und Revitalisierungsspezialist zeichnete für die Generalsanierung des Gebäudes verantwortlich. Das 1749 von Kaiserin Maria Theresia gegründeten Archiv besitzt etwa 75.000 Urkunden und 150.000 archivalische Einheiten. Das älteste Stück des Hauses ist eine Pergamenturkunde Kaiser Ludwigs des Frommen aus dem Jahr 816, außerdem werden die Schlussakte des Wiener Kongresses von 1815 oder eines von nur mehr drei erhaltenen Primärexemplaren des Westfälischen Friedens von 1648 in dem Archiv aufbewahrt. Weitere Informationen: [Österreichisches Staatsarchiv](#)

**The Family-, Court- And State Archives Reopend**

On September 23, 2004, the Family-, Court- And State Archives (a branch of the Austrian State Archives) reopened after 2 years of refurbishment conceived by the studio of architect [Manfred Wehdorn](#). The archives were founded by empress Maria-Theresia in 1749 and contains about 75.000 historical charters besides 150.000 other documents. The oldest charter dates from the year 816. Further information: [Austrian State Archives](#)

**New Austrian Website on Corporate Social Responsibility online**

The internet platform <http://www.csr-austria.at>, initiated by the Federal Ministry of Economic Affairs and Labour, contains information on national and ionernational developments in the field of corporate social responsibility (CSR) besides a large number of examples of companies that have already implemented CSR measures.

**Industrielle Kompetenzzentren und Netzwerke in Österreich**

Das Programm der industriellen Kompetenzzentren und Netzwerke wurde vom Bundesministerium für Wirtschaft und Arbeit ([BMWA](#)) initiiert, um auf Basis des Modells der Wirtschafts- und Technologiecluster industrielle und wissenschaftliche [Forschungskompetenzzentren](#) systematisch zu bündeln. Österreichs industrielle Kompetenzzentren und Netzwerke sind die Drehscheibe, über die Forschung und Unternehmen zusammengebracht werden. Langfristiges Ziel ist, forschungsorientierte Unternehmen aufzubauen, die mit neuen High-Tech-Lösungen herausragende internationale Marktpositionen einnehmen werden. Das Programm wird vom Forschungsförderungsfonds für die gewerbliche Wirtschaft ([FFF](#)) abgewickelt und von der Christian Doppler Gesellschaft ([CDG](#)) in wissenschaftlichen Fragen betreut.

**Vienna To Become Global Center for Space Policy**

The Austrian Minister of Infrastructures Hubert Gorbach and Jean-Pol Poncelet, ESA's Direktor for Strategic Planning recently signed an agreement that will make Vienna the host city for the European Institute for Space Policy (ESPI) that will take up it's work in early 2004. The institute will have a budget of EUR 1,5 million at its disposal and employ 8 to 12 employees. Consult [ESA's Website](#) for more information.

**Baxter to participate in Vienna's Biotech Center**

The U.S.-biotech-company [Baxter](#) will participate in the [Vienna Bio Center](#). The Bio Center will offer work to approximately 2000 specialists of whom 600 will be employed by Baxter, making Vienna Baxter's largest research location.

**New Industrial Competence Center In Salzburg**

The NewMediaLab (SNML) was established as competence center for new media in the fields of workflow management in the content-industry, content-driven e-business, e-learning, and digital content engineering. A number of companies will take part in the competence center that will be managed by [Salzburg Research](#).

**New Research Center in Krems**

The Austrian car component supplier Eybl opened a new research center in the Lower Austrian town of Krems in September. Research will focus on new materials, composite materials, nano-technology and design.



New Austrian Science Magazine

The Austrian News Group will publish a new science news quarterly. "Format Science", as the magazine is called, will be distributed as a supplement of the "Format" news magazine. "Format Science" is financially supported by the Federal Ministry of Education, Science and Culture as well as by the Federal Ministry of Transport, Innovation and Technology.



Higher Education

New Publication: Austrian Institutions of Post-secondary Education

Angelika Kronberger ([Österreichischer Austauschdienst](#), Sokrates Nationalagentur Österreich) and Heinz Kasparovsky ([Bundesministerium für Bildung, Wissenschaft und Kultur](#), NARIC AUSTRIA) prepared a compilation of Austrian Institutions of Post-secondary Education. It can be downloaded as [pdf-File](#).



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Aufteilung der Gelder für die Implementierungskosten des UG 2002 im Jahr 2003 an die Universitäten

Ende September 2003 vereinbarten Bildungsministerin Elisabeth Gehrer und Finanzminister Grasser, den Universitäten bis zu 10 Mio. EURO im Jahr 2003 zusätzlich für die tatsächlich anfallenden Kosten der Umstellung auf das neue Universitätsgesetz zur Verfügung zu stellen. Die Medizinischen Universitäten erhielten im Rahmen dieser Implementierungskosten insgesamt 5,4 Mio. EURO. Der genaue Verteilungsschlüssel steht zum [Download](#) bereit.



Europäische Premiere: Lehrgang für "Europäische Energiemanager"

Um das Problem steigender Energiekosten mit optimalem Energiemanagement in den Griff zu bekommen hat die Wirtschaftskammer Österreich in Kooperation mit der Energieverwertungsagentur und der Energie-Control GmbH einen Lehrgang für effiziente Energietechnik und betriebliches Energiemanagement ins Leben gerufen. Das Workshop-Programm, das zum "Europäischen Energiemanager" ausbildet, startet im Jänner 2004 und richtet sich v.a. an Betriebsleiter, Energiebeauftragte, Facility Manager, Consultant, Prozess-Ingenieure und Betriebstechniker.

Der praxisorientierte Lehrgang vermittelt Kenntnisse aus den Bereichen Energierecht, Emissionshandel und Wirtschaftlichkeitsrechnung über energieeffiziente Gebäude, Prozesswärme bis hin zu Elektro-, Klima- und Solartechnik. AbsolventInnen erhalten das Zertifikat "Europäischer Energiemanager". Die "Qualifizierung zum Europäischen Energiemanager" wird durch die Europäische Kommission im Rahmen von SAVE II unterstützt. Weitere Informationen: [Wirtschaftskammer Österreich](#), [Abteilung für Umwelt -, Energie- und Infrastrukturpolitik](#)



Änderung des Fachhochschul-Studiengesetz

Rückfragen: Mag. Friedrich Faulhammer (friedrich.faulhammer@bmbwk.gv.at)

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Vorblatt, Erläuterungen [[Download: pdf](#)]

Textgegenüberstellung: Geltende Fassung / Vorgeschlagene Fassung [[Download: pdf](#)]



Nuklearmedizinisches Trainingszentrum in Feldkirch

Die Nuklearmedizin am Landeskrankenhaus (LKH) Feldkirch (Vorarlberg) wurde kürzlich zu einem nuklearmedizinischen Trainingszentrum für eine europaweit anerkannte Ausbildung ernannt. Das Zertifikat ermöglicht der Abteilung im Vorarlberger Schwerpunkt-Krankenhaus, Ärzte aus ganz Europa mit einem nuklearmedizinischen Spezialtraining auszubilden. Die nuklearmedizinische Abteilung Feldkirch wurde von der [UEMS](#) (europäische Union der medizinischen Spezialisten) zum Ausbildungszentrum ernannt. Für den erfolgreichen Abschluss der dreijährigen, europaweit anerkannten nuklearmedizinischen Postgraduate Ausbildung muss Basiswissen der Nuklearmedizin selbst in Form von aktiver Teilnahme an Präsentationen und Seminaren vorgewiesen werden. Weitere Information: [Dr. Heinz Fritzsche](#), Leiter der Abteilung für Nuklearmedizin, Landeskrankenhaus Feldkirch.



Website: Innovatives Soziologie-Lexikon an Universität Graz mehrfach ausgezeichnet

Einen leicht verständlichen Einstieg in die Welt der Soziologie und Sozialwissenschaft bietet das Grazer "Archiv für Geschichte der Soziologie in Österreich" mit seinem kostenlosen Internet-Nachschlagewerk "[50 Klassiker der Soziologie](#)". Nachdem das Lexikon bereits den österreichischen Internet-Preis "at-award" und den Werbepreis "Green Panther" erringen konnte, wurde das Projekt mit der Juryauszeichnung in der Kategorie Wissen und E-Learning des Österreichischen Staatspreis für Multimedia & E-Business bedacht. Das Lexikon richtet sich an Lehrende wie Lernende. Querverweise ermöglichen Beziehungen - wie zum Beispiel Lehrer-Schüler-Verhältnisse - nachzuvollziehen. Neben den Biografien sind Bibliografien, Hinweise zum Nachlass mit Tipps zu Kontaktmöglichkeiten abrufbar.

Das Archiv für die Geschichte der Soziologie in Österreich befindet sich in Graz in Räumlichkeiten des Instituts für Soziologie der Karl-Franzens-Universität und wurde 1987 auf Initiative von Max Haller (damals Präsident der "Österreichischen Gesellschaft für Soziologie"), und den Soziologen Gerald Mozetic und Christian Fleck gegründet.



Universität Linz fördert Nachwuchswissenschaftlerinnen

Weibliche Studierende sind in der Überzahl, ebenso wissenschaftliche Assistentinnen. In höheren akademischen Rängen findet man aber nur mehr wenige Frauen. Durch das von der EU geförderte Projekt "karriere_links" soll nun an der Universität Linz Nachwuchsförderung und Laufbahnplanung unter Gender Mainstreaming-Prämissen stattfinden. Durch gezielte Trainings und Seminare, durch Tutorien und wissenschaftliche Schreibwerkstätten soll mit "karriere_links" das Ziel erreicht werden, Frauen in allen Bereichen der Universität paritätisch zu beteiligen. Das Projekt, das von der EU und dem [Bundesministerium für Bildung, Wissenschaft und Kultur](#) gefördert wird, wurde an der Universität Linz von der Stabsstelle für Frauenförderung initiiert und ist auf drei Jahre anberaumt und wird gemeinsam mit der Universität Salzburg durchgeführt. AnsprechpartnerIn: [Mag. Andrea Fellingner](#), [Stabsstelle für Public Relations](#), Johannes Kepler Universität Linz.

**Montanuniversität Leoben präsentiert neues Internetportal**

"elogics Management Services", a Spin-off company of the Institute of Business Administration and Economy at the [Montan University at Leoben](#) presented the new web-portal "[elogics.cc](#)".

**Neuer postgradualer Lehrgang an ABC-Abwehrschule**

Die [ABC-Abwehrschule](#) des Bundesheeres in Korneuburg in Niederösterreich bietet einen neuer postgradualen Lehrgang "Umweltgefahren und Katastrophenmanagement" an, der mit einer MBA-Graduierung (Master of Business Administration) abschließt. Ziel des Lehrganges ist die Vorbereitung auf Bedrohungsszenarien, die in künftigen nationalen und internationalen Assistenzeinsätzen auftreten könnten. Der Lehrgang richtet sich u.a. an MedizinerInnen und Sanitätspersonal sowie zivile und internationale militärische Fachkräfte. Jeweils zwölf bis 15 Personen werden in zwei Semestern auf den Gebieten der Natur- und Sozialwissenschaften, der Bedrohungs- und Risikoanalyse, sowie des Kommunikations-, Projekt- und Katastrophenmanagements ausgebildet.



Disciplines

Burgdörfer/ Vienna University of Technology is awarded "Eminent Scientist of RIKEN"

The Japanese [Institute of Physical and Chemical Research](#) (RIKEN) - the Japanese equivalent too the German Max-Planck-Institute - awarded Prof. Dr. Joachim Burgdörfer of the [Institute of Theoretical Physics of Vienna University of Technology](#) as "Eminent Scientist of RIKEN" in the field of Theoretical Atomic Physics. This title is the highest award available to researchers from overseas. R. Noyori, Nobel laureate in chemistry (2001) will officially award Burgdörfer in February 2004 in Tokio.

**BMW Scientific Award 2003 goes to University of Salzburg graduate**

The [BMW Scientific Award](#) is worldwide one of the best funded science awards. Among its awardees for 2003 is Dipl.Ing. Gerald Stieglbauer, a graduate of the [Institute for Computing Sciences at the University of Salzburg](#) for his research on "Embedded Software Engineering - Model-Based Development of Embedded Control Systems with Giotto and Simulink". Stieglbauers work was part of a project funded by the Austrian [FIT-IT](#) Embedded Systems Initiative. More Information: <http://www.SoftwareResearch.net>, <http://www.modecs.cc>, <http://www.fit-it.at>

**Austrian Research Council targets special programmes for the Humanities**

In its meeting of September 16th, the [Austrian Council for Research and Technology Development](#) (RFT) passed recommendations to improve the situation for scientific research in the field of the Humanities as well as the Social and Cultural Sciences. The Council proposes to assign 4 % (24 billion Euro) of the 600 billion Euro special support dedicated to research for the financial years of 2004 to 2006 to the Humanities, Social and Cultural Sciences. More details are available under the Council's [Homepage](#).

**Graz University of Technology: Paraplegic is able to eat and drink without assistance**

[Gert Pfurtscheller](#)'s team of researchers at the [Graz University of Technology](#) succeeded in helping a paraplegic patient to eat and drink again for the first time since his accident five years ago without being assisted. This was made possible through a combination of the Brain-Computer-Interface and the electrical stimulation of muscles. The Graz University of Technology is one of the leading Universities in the field of BCI research.

**Vorarlberg successfully applies new spinal implants**

A new generation of implants for spine surgery is successfully used at the division for orthopedics in the Feldkirch Hospital. Archibald von Stempel who heads the division for orthopedics developed this new implant and invited international and Austrian specialists in mid October to an exchange of experience. The idea of a dynamic implant for the spinal column was first conceived in 1990. The newly developed implant supports the elasticity and flexibility of the spinal column through special screws with dynamic screw heads and is called "Cosmic -system". 60 patients have already been treated with this spinal implant.

**Research team in Innsbruck creates first Bose-Einstein-Condensation of Molecules**

Rudolf Grimm and his research team (Selim Jochim, Markus Bartenstein, Alexander Altmeyer, Stefan Reidl, Gerhard Hendl, Cheng Chin, Johannes Hecker Denschlag) from the [Institute of Experimental Physics at the University of Innsbruck](#) managed to create the first Bose-Einstein-Condensation of Molecules. Science Magazine reported this success on November 13th. Deborah Jin and her research group from the [University of Colorado](#) successfully conducted a similar experiment. More information can be obtained from [Rudolf Grimm](#), Institute of Experimental Physics, University of Innsbruck.

**Saturn-Mission: Preparations for Cassini/Huygens landing in Graz**

Mission Cassini/Huygens is to examine Saturn and its moons. This spacecraft which was co-developed by [NASA](#) (orbiter) and [ESA](#) (probe) started its journey to Saturn in 1997. In July 2004 the Cassini Orbiter will reach the Saturn system and place the Huygens probe on the saturn's moon TITAN in early 2005. The [Space Research Institute](#) in Graz which belongs to the [Austrian Academy of Sciences](#) participated in the development and construction of two of the six instruments on the Huygens probe.

**Austrian Space Program**

Under the Austrian Space Application Program (ASAP) three billion Euro will be dedicated to Austrian Space research in 2003 and 2004. This program obtained special research funding after a recommendation from the [Austrian Council for Research and Technology Development](#). Out of nine research projects six will be coordinated in Styria. Information on all projects can be obtained from the [ASA](#) homepage.

**Spacecraft insulation manufacturer provides technology for terrestrial application**

[Austrian Aerospace](#) which counts 117 staff members and is the biggest Austrian enterprise in the field of space technology uses its know how in space to provide down-to-earth application in the field of cryogenics. The insulation systems developed and used for space technology (satellites) during the last 10 years will be adapted for medical instruments and prototypes of hydrogen-powered cars.



Austria supplies instruments for DoubleStar mission

Two satellites are to study the Earth magnetosphere in the DoubleStar Project, a cooperation between ESA and the Chinese National Space Administration. The [Austrian Research Centers Seibersdorf](#) (ACRS) and the [Space Research Institute of the Austrian Academy of Sciences](#) provide instruments that are designed to measure the magnetic field and control the electric potential of the spacecraft. The satellites will be launched in December 2003 and June 2004.



Technikum Wien und Graz University of Technology participate in RoboCup 2004

In 2004 the [FH Technikum Wien](#) and the Graz University of Technology will once again send their teams to compete in "RoboCup", the Robot Soccer World Cup, which is to take place in Lissabon in June 2004. RoboCup was initiated in 1997 and has since become one of the world's biggest and most important platforms to promote research in artificial intelligence and robotics. Conferences and workshops complement the soccer game.



Hildegunde Piza, Erwin Hochmair erhalten Erwin Schrödinger-Preis

Michael Mitterauer erhält Wilhelm Hartel-Preis

Die höchsten Preise der [Österreichischen Akademie der Wissenschaften](#) (ÖAW) gehen in diesem Jahr an die plastische Chirurgin Hildegunde Piza, den Physiker Erwin Hochmair und den Historiker Michael Mitterauer. Insgesamt werden heuer elf Forscher für ihre außergewöhnlichen Leistungen mit den verschiedenen Akademie-Preisen geehrt. Mit dem Erwin Schrödinger-Preis werden international hervorragende Arbeiten auf dem Gebiet der Medizin gewürdigt. Dieser mit 15.000 Euro dotierte Preis wird zu gleichen Teilen an Hildegunde Piza ([Universitätsklinik für Plastische und Wiederherstellungschirurgie der Universität Innsbruck](#)) in Anerkennung ihrer Leistungen auf dem Gebiet der plastischen Chirurgie und an Erwin Hochmair ([Institut für Angewandte Physik der Universität Innsbruck](#)) für seine Leistungen in der interdisziplinären Erforschung der Cochlea mit dem Ziel, durch Stimulation des Nervus Acusticus ein offenes Sprachverständnis bei tauben Menschen zu erreichen, vergeben.

Der zweite der beiden großen ÖAW-Preise, der Wilhelm Hartel-Preis, wird dem Wirtschafts- und Sozialhistoriker Michael Mitterauer vom [Institut für Wirtschafts- und Sozialgeschichte der Universität Wien](#) für sein Lebenswerk verliehen. Michael Mitterauer hat im Bereich der historisch-anthropologischen Familienforschung, der Alltagsgeschichte und kulturwissenschaftlichen Gedächtnisforschung richtungsweisende Arbeiten verfasst, begründet die ÖAW die Zuerkennung des Preises.



Anton Zeilinger erhält Preis der Akademie der Wissenschaften zu Göttingen

Für das Buch des Wiener Experimentalphysikers "Einsteins Schleier" erhielt der Wiener Experimentalphysiker Anton Zeilinger den heuer erstmals vergebenen und mit 5.000 Euro dotierten Sartorius-Preis der Akademie der Wissenschaften zu Göttingen. Zeilinger wurde mit seinen quantenphysikalischen Arbeiten international bekannt. Weitere Information: [Akademie der Wissenschaften zu Göttingen](#), Näheres zu den Arbeiten Anton Zeilingers: <http://www.quantum.at>



Jürgen Knoblich (IMP) erhält ELSO Preis

Die ELSO ([European Life Scientist Organization](#)) zeichnete am 23. September 2003 den am Wiener Institut für Molekulare Biologie tätigen Wissenschaftler Dr. Jürgen Knoblich für seine richtungweisenden Arbeiten auf dem Gebiet der Entwicklungsbiologie aus. Knoblich und sein Team am IMP haben sich dem Phänomen der asymmetrischen Zellteilung verschrieben, die vor allem während der Embryonalentwicklung vorkommen. Knoblich leitet seit 1997 eine Arbeitsgruppe am Forschungsinstitut für Molekulare Pathologie (IMP), das in Wien Grundlagenforschung für den deutschen Pharmakonzern Boehringer Ingelheim betreibt.



Georg Kresse erhält Hans Hellman-Preis 2003

Der 36 jährige Wiener Physiker, Univ.-Prof. Dr. Georg Kresse, vom [Institut für Materialphysik der Universität Wien](#), erhält den "Hans Hellman-Preis 2003" der Internationalen Arbeitsgemeinschaft Theoretische Chemie. Der Preis wurde Kresse für seine Arbeiten über die Entwicklung und Anwendung von Dichte-Funktional-Methoden in den Materialwissenschaften zuerkannt. International bekannt wurde Georg Kresse vor allem durch die Entwicklung des "Vienna ab-initio simulation package" (VASP). VASP ist derzeit das leistungsfähigste Programm-Paket für die parameterfreie Berechnung von Materialeigenschaften auf quantenmechanischer Basis und zur Simulation atomistischer Prozesse in Materialien. VASP wird derzeit weltweit in über 400 akademischen und industriellen Forschungsgruppen verwendet.

Prof. Kresse ist außerdem Träger des vom [Fonds zur Förderung der Wissenschaftlichen Forschung](#) (FWF) vergebenen START-Preises 2003; 2001 erhielt er den Ludwig Boltzmann-Preis der [Österreichischen Physikalischen Gesellschaft](#) und 1998 den Erich Schmid-Preis der [Österreichischen Akademie der Wissenschaften](#).



Innsbruck's Radiodiagnosticians Win Prize At The Congress of The World Federation for Ultrasound in Medicine and Biology

At the congress of the World Federation for Ultrasound in Medicine and Biology in June in Montreal, the presentation of the radiodiagnosticians of the Innsbruck University Clinic won the second place. Gerd Bodner, Peter Kovacs, Hannes Gruber, Siegfried Peer and Werner Jaschke were honoured for their presentation concerning "High-resolution ultrasound of the periphery nerves of the upper and lower extremities". [Gerd Bodner's](#) team of researchers and medical doctors is among the world leaders in ultrasound diagnostics.



USEA und AES zeichnen Rainer Graefe mit der Russischen Suchov-Medaille aus

Rainer Graefe, Vorstand des Instituts für Baugeschichte und Denkmalpflege der Bauakultät an der [Universität Innsbruck](#), ist in Moskau mit der Vladimir Grigorevic Suchov-Goldmedaille ausgezeichnet worden. Verliehen wird die Auszeichnung von USEA (The Union of Scientific and Engineering Associations) und AES (Academy of Engineering Sciences). Graefe erhielt die Auszeichnung für seine Forschungen zum Werk des russischen Ingenieurs Suchov und für die mit einem russisch-deutschen Team erarbeitete Buchveröffentlichung, welche Suchov im Westen bekannt gemacht hat.



New Voice-Over-IP Emergency Telephone Network

VA TECH SAT, headquartered in Vienna, has developed a voice-over-IP emergency telephone network based on Cisco Systems' IP-telephone technology. The new system dubbed "[SAT IPPS](#)" – especially adapted for use in road tunnels and public transport – will be marketed worldwide.



Frauen in der Umwelttechnik: ÖGUT-Preise vergeben

Zum 18. Mal wurde gestern, in Wien der Umweltschutzpreis der [Österreichischen Gesellschaft für Umwelt und Technik](#) (ÖGUT) vergeben. Den vom bm:vit ([Bundesministerium für Verkehr, Innovation und Technologie](#)) gesponserten Hauptpreis in der Kategorie "Frauen in der Umwelttechnik" erhielt Dr. Brigitte Bach von ARC-Arsenal Research für den Aufbau eines Wärmepumpenkompetenzzentrums. Weitere Preise in dieser Kategorie gingen an Mag.a Hildegund Mötzl für die Erarbeitung eines internationalen Gütesiegels für Bauprodukte, Dipl. Ing.in Marion Huber-Humer für eine Methode zur Minimierung von Methangasemissionen aus Deponien und Altlasten durch Abdeckschichten aus Kompost und Mag.a Susanne Geißler sowie Dr. Erika Ganglberger für die Entwicklung ökonomisch und ökologisch optimierter Farbstoffe und Färbeprozesse für die Textilindustrie. Einen Anerkennungspreis erhielt Elisabeth Hehenberger, Studentin der Betriebswirtschaft, für ihre Fachbereichsarbeit mit dem Titel "Reduktion von CO2 durch Einsatz von Holzfeuerungen".



Brigitte Hamann mit Ernst-Robert-Curtius-Preis ausgezeichnet

Die deutsch-österreichische Historikerin und Schriftstellerin Brigitte Hamann erhält heuer den mit 8000 Euro dotierten Ernst-Robert-Curtius-Preis für Essayistik. Die Jury begründete ihre Entscheidung damit, dass es Hamann in herausragender Art gelinge, auch wissenschaftlich komplexe Hintergründe in verständlicher Sprache darzustellen. Der Ernst-Robert-Curtius-Preis für Essayistik wurde zusammen mit dem Förderpreis erstmals 1984 von der Bonner Universitätsbuchhandlung Bouvier gestiftet. Die bisherigen Preisträger waren unter anderem Golo Mann, Kurt Sontheimer, Hilde Spiel, Wolf Jobst Siedler, Francois Bondy, Friedrich Dürrenmatt, Günter Kunert, Hans Magnus Enzensberger und Hans Küng.



PaN-Persönlichkeitspreis an China-Experten Gerd Kaminski

In Anerkennung seines Lebenswerks im Dienste der Völkerverständigung ist der Gründer der Österreichisch-Chinesischen Gesellschaft und Leiter des Ludwig- Boltzmann-Instituts für China- und Südostasien-Forschung, Univ.-Prof. Hofrat Gerd Kaminski, mit dem zum zweiten Mal verliehenen "PaN- Persönlichkeitspreis" des [Dachverbandes aller österreichisch-ausländischen Freundschaftsgesellschaft](#) ("Partner aller Nationen"/PaN) ausgezeichnet worden. Die Überreichung des Preises erfolgte Ende November im Parlament in Wien durch den Präsidenten des Bundesrates, Hans Ager, und PaN-Präsident Ministerialrat Claus Walter.



New Method for Transplanting Jaw-Bones

Günter Schultes, a surgeon specialized on transplantation surgery at the University of Graz, has developed a new method for the production of transplants for jaw-bones. The new method requires the extraction of tissue from the hip-bone which is put into a model of the jaw-bone that will be replaced. Subsequently, the the model is implanted into the arm-pit – where blood circulation is usually undisturbed – for 3 months. The main benefits are the low costs for the implant and the fact that the patient spends only little time in the hospital and is hardly handicapped during the treatment phase.



European Union

Brüssel–Update des österreichischen Wissenschaftsattaché/ Brüssel, Dr. Franz Pichler, November 2003:

In Brüssel schneit es derzeit; die Frage, ob dies ein normales Klima in Belgien ist oder mit dem Treibhauseffekt zusammenhängt, kann nicht so leicht beantwortet werden. Die belgischen Kollegen an der Ständigen Vertretung meinen jedenfalls, dass Schnee im Oktober extrem selten ist. Viel einfacher war die Frage zu beantworten, wie das Wachstum in der Europäischen Union verbessert werden kann...

Europäischer Rat 16.-17. Oktober 2003

- Im Zentrum der wirtschaftspolitischen Diskussion des diesjährigen Herbstgipfels (Europäischer Rat, 16-17.Oktober 2003) stand die Ankerbelung der europäischen Wirtschaft: Der Europäische Rat identifizierte als ausschlaggebende Faktoren für mehr Wachstum den beschleunigten Auf- und Ausbau der europäischen Verkehrs-, Energie- und Telekommunikationsnetze sowie verstärkte Investitionen in Humankapital. Obwohl Deutschland, die Niederlande und Schweden die Investitionen in Humankapital an erste Stelle setzen wollten, setzte sich der Vorsitz mit dem Schwerpunkt TEN (transeuropäische Netzwerke) durch. Im Bereich der Humanressourcen wurde die Schaffung eines Regulierungsrahmens für die Forschungsinfrastrukturen, die Schaffung von Wissenschaftsparks, sowie die Konzentration auf Informations- und Kommunikationstechnologien empfohlen. Vom österreichischen Bundeskanzler Schüssel wurde in diesem Zusammenhang die stärkere Einbeziehung der KMU's in die Forschungs- und Innovationspolitik der Union gefordert. Eine "Prioritätsliste" (quick start list) mit 13 Groß-Projekten - vorwiegend Verkehrsprojekte wie z.B. der Bau des Brenner Eisenbahn-Tunnels sowie 4 Forschungsprojekte - sind in Vorbereitung und sollen im Europäischen Rat im Dezember 2003 verabschiedet werden.

Magna bei der Europäischen Kommission

- Die Firma MAGNA – EUROPA hat der Europäischen Kommission am 20. und 21. Oktober 2003 einen Besuch abgestattet, um das Unternehmen stärker in der europäischen Forschungs- und Innovationspolitik zu verankern. Ein mögliches Feld der Zusammenarbeit mit der Europäischen Kommission ist u.a. die Teilnahme an der Technologieplattform "Wasserstoff-Wirtschaft" (Hydrogen Economy).
- Zweites Treffen zum Thema Sicherheitsforschung**
Österreich war beim 2. Treffen der Mitgliedstaaten der EU zum Thema "Sicherheitsforschung" mit mehreren Teilnehmern aktiv vertreten. Das Programm soll in der Zeit von 2004 bis 2006 (60 Millionen Euro) Pilotprojekte starten, die die "Sicherheit des europäischen Bürgers" gegen Angriffe von außen verstärken bzw. garantieren sollen: Es geht um den Kampf gegen den Bioterrorismus, Nuklearschmuggel, Sicherheit am Flughafen etc. Ab 2007 soll ein weit größeres Sicherheits-Forschungsprogramm gestartet werden. Dieses soll – so wie schon jetzt - außerhalb des Rahmenprogramms für FTE abgewickelt werden. Eine Abwicklung der Sicherheitsforschung über die in Planung befindliche "Rüstungsagentur" der EU ist zu einem späteren Zeitpunkt denkbar.

Für Rückfragen und Anmerkungen wenden Sie sich bitte an den Österreichischen Wissenschaftsattaché in Brüssel, Dr. [Franz Pichler](#).



EU Conference on Mobility of Researchers in Washington, DC introduced the new [European Researcher's Mobility Portal](#)

The European Commission Delegation in Washington DC hosted in conjunction with the Italian EU-Presidency a conference on TRANSATLANTIC

MOBILITY OF RESEARCHERS: New Opportunities for Career Development and EU/US Cooperation in Science and Technology. This conference aimed at raising awareness of the new opportunities in Europe for researchers' careers and mobility and at enhancing co-operation with the United States, on the basis of the principle of brain circulation and broader career perspectives. It addressed primarily the European scientific community currently working in the United States. The OST enabled the participation of 5 Austrian researchers out of the network of Austrian scientists and scholars in North America. The Austrian participation was funded by the Austrian Federal Ministry for Education, Research and Culture. The conference offered an excellent opportunity for participants:

- to take stock of the current policy developments in the EU on research careers and mobility, and learn about the new initiatives aimed at improving the overall environment of researchers in Europe: [European researchers' mobility portal](#), European network of mobility centres (ERA-MORE), as well as the new Marie Curie grants for the training, mobility and career development of researchers;
- to discuss experiences and expectations with and among European researchers working in the US and explore possibilities for further networking;
- to identify means to encourage the mutual exchange of information and good practice between Europe and the United States as regards the social recognition of researchers and the ways to foster new perspectives for careers in R&D.

A report on this conference will be published in the first issue of this newsletter in 2004; a special issue on the launch of the National Mobility Centers will follow in March. The policy-developers, Sigi Gruber and Jimmy Jamar of the Directorate-General for Research at the European Commission, who are in charge of these new EU initiatives will contribute a feature article.



Europäische Kommission sucht Expertinnen für die Begutachtung und Auswahl von EU-Forschungsprojekten Die Begutachtung der im 6. EU-Rahmenprogramm für Forschung und technologische Entwicklung (2002-2006) eingereichten Projektanträge für Forschungsvorhaben erfolgt durch unabhängige, externe Expertinnen und Experten. Ziel der Europäischen Kommission ist es, im 6. EU-Rahmenprogramm den Frauenanteil in den Evaluation-Panels auf 40% zu erhöhen und damit zu verdoppeln.

Weitere Information: [bm:bwk-Broschüre "Evaluatorinnen gesucht"](#) (hrsg. [bm:bwk](#)) [Download: pdf \(133 KB\)](#)
Registrierung als potenzielle Evaluatorin bei der Europäischen Kommission: <http://www.cordis.lu/experts/>

ERA-NET: FFF ist international stark vernetzt

Der [Forschungsförderungs fonds für die gewerbliche Wirtschaft](#) (FFF) ist an vier von 31 internationalen Projekten beteiligt, die im Rahmen des EU-Netzwerksprogramms [ERA-NET](#) unter 72 Einreichungen aus ganz Europa positiv evaluiert wurden. In einem dieser Projekte ist der FFF selbst Projektleiter und damit Koordinator für Institutionen aus acht Ländern. Die Programmlinie ERA-NET (ERA: European Research Area) soll die Entwicklung des Europäischen Forschungsraums forcieren, indem Forschungsaktivitäten auf nationaler und regionaler Ebene in ein europäisches Netzwerk eingebunden werden. In der ersten ERA-NET-Ausschreibungsrunde, die mit 24 Mio. Euro dotiert ist, reichten 72 internationale Konsortien mit 384 Teilnehmern Netzwerk-Projekte zur Förderung ein. 31 davon wurden positiv evaluiert. Darunter sind auch zehn Projekte mit österreichischer Beteiligung. Zwei Projekte stehen unter österreichischer Koordination.



Marie-Curie Actions: European Reintegration Handbook Now Available

The European Reintegration Grants are open to researchers who have taken part in a Marie Curie Action for at least two years and who want to return in their country of origin. The next closure date for proposals is the 15 January 2004.

There are two new measures available, each in the form of a grant to be used by the successful fellow. The Commission signs a contract with the university, research centre or enterprise in an EU Member or Associated State that will employ the returning researcher. Download the [Handbook](#). Further [information](#).



FP6 One Year Old – Results Overview

The EU's Sixth Framework Programme (FP6) for research celebrated its first birthday with the launch of a new website reviewing results from the first calls for proposals. [Download](#) the results.



Can American Companies Participate In Projects And Receive Funding In The Process?

On the basis of the EU-US Bilateral Agreement on Cooperation in Science and Technology, legal entities established in the United States are eligible to participate in EU financed research projects under the Specific Research Programmes of the Sixth Framework Programme. In principle they cannot receive funding from the EU Research Budget, unless their participation is justified as being essential for achieving the objectives of the research project concerned. Read the European Commission's [FAQ-page](#).



EU And U.S. Applaud New TABD Leadership

EU Commissioner for Enterprise Erkki Liikanen and U.S. Secretary of Commerce Donald L. Evans expressed strong support for the announcement that Niall FitzGerald, Chairman of Unilever PLC and Douglas N. Daft, CEO of The Coca-Cola Company, will be co-chairs of the Transatlantic Business Dialogue (TABD) for 2004-5.

Through the TABD, business leaders provide recommendations to the EU and the U.S. government to improve the efficiency and competitiveness of the transatlantic marketplace. Since 1995, the TABD has played a crucial role in fostering the exchange of ideas and promoting constructive solutions in EU-U.S. issues. TABD focuses on ways to lower transaction costs for businesses and minimize friction between the EU and the U.S. government. The European Union and the United States have an economic relationship of over \$2 trillion, and two-way trade of approximately \$370 billion.

Further [information](#).



The European Commission Presents Action Plan For Space

EU Research Commissioner Philippe Busquin and European Space Agency (ESA) Director Jean-Jacques Dordain were on hand to unveil the highly anticipated [White Paper on European Space Policy](#) on 11 November 2003 in Brussels. The document, entitled 'Space: a new European frontier for an expanding Union', represents the most ambitious action plan ever conceived for space activities in Europe.



Solar Energy: Europe Aims To Lead The World in Photovoltaic Technologies

The recently created "Photovoltaics Technology Research Advisory Council" has met for the first time in November 2003 in Brussels. The initiative of Loyola de Palacio, European Commission Vice President in charge of Energy and Transport, and of European Research Commissioner Philippe Busquin, involves 18 members representing all the major players in this technology. Europe is now the world's second largest manufacturer of photovoltaics, accounting for more than 24% of overall production, behind Japan (44%) and ahead of the USA (22%). Current forecasts show large

potential for solar electricity production, for which Europe has seen an average growth rate of 30% per year over the last decade. Further [Information](#).



EC And ESA Sign Historic Co-Operation Agreement

European space policy has taken another giant leap forward with the adoption of a new European Community (EC) and European Space Agency (ESA) [Framework Agreement](#). The accord, which lays the groundwork for joint projects, common management structures and a variety of other shared activities, was signed in Brussels on 25 November 2003 by European Research Commissioner Philippe Busquin, ESA Director-General Jean-Jacques Dordain and Letizia Moratti, Italian Minister for Education, University and Research.



The World Summit on Information Society

The summit will take place from 8 - 12 December 2003 in Geneva, Switzerland. The Summit's focus is how communication and information exchange is facilitated by a globalised society. Further [information](#).



Jean-Jacques Dordain - the new ESA Director-General

Jean-Jacques Dordain became [Director-General of ESA](#) following the departure of Antonio Rodotà in July 2003. He takes over as ESA head at a time when the Agency's relationship with the EC is being redefined and in the midst of the [Space Green Paper](#)/ White Paper process, which will lay the groundwork for European space activities over the coming decades.



New Online Directory Of European Networks Of Women Scientists

This directory provides contact and activity details for some [70 networks of women scientists](#) across Europe. Also the [EU's Women And Science Pages](#) have been updated.



The EC's Research Directorate-General New Organisation Chart Online

The EC's Research Directorate-General [organisation chart is online](#) in 4 languages (Publication date: 16.07.2003).



6th Framework Program for Research and Technological Development:

- New [update with the model contract for Marie Curie Actions](#) is online.
- The definitive guide to FP6 ([PDF, 980 kB](#)) is now in a [new 'light' version \(same text, less color - 564 kB\)](#)
- Latest FP 6 [Information on Calls](#)
- All [Open FP6 Calls](#)
- All [Closed FP6 Calls](#)
- Specific [measures in support of international co-operation](#)
- Specific Support Actions (SSA) for [Multilateral Co-ordination of National RTD Policies](#) and Activities
- Thematic Call In The [Area Of 'Global Change and Ecosystems'](#)
- Policy-orientated Research — Special [Call on Severe Acute Respiratory Syndrome \(SARS\)](#) (see also the [press release](#))
- Communication Network Development – [Géant](#)
- [Information Society Technology \(IST\) priority](#)
- [Periodic Calls](#) In The Area of 'Aeronautics and Space', 'Sustainable Energy Systems' and 'Sustainable Surface Transport'
- FP 6 [Webservice des bm:bwk](#)
- [Anbahnungsfinanzierung des BMBWK](#) für EU-Projekte
- Online [Marie Curie Handbooks](#)



Calls, Vacancies, Opportunities & Web-Resources

Ausschreibung von Vorziehprofessuren zur Förderung der Schwerpunktbildung und Profilentwicklung der Universitäten

Mit diesem [Programm des Bundesministeriums für Bildung, Wissenschaft und Kultur](#) in Kooperation mit dem Rat für Forschung und Technologieentwicklung werden der Ausbau von international konkurrenzfähigen Forschungs- und Lehrkompetenzen gestärkt und die Schwerpunktbildungen und Profilentwicklungen der Universitäten gefördert. Damit werden auch für entsprechend qualifizierte UniversitätsdozentInnen sowie UniversitätsassistentInnen neue Aufstiegs- und Karrieremöglichkeiten geschaffen. Die Universitäten erhalten die Möglichkeit, Anträge auf Finanzierung von zeitlich befristeten Professuren gemäß Universitäts-gesetz 2002 (§§ 97, 98) auf längstens drei Jahre zu stellen. Für die Finanzierung dieser „Vorziehprofessuren“ werden zusätzlich EURO 10,9 Millionen zur Verfügung gestellt.

Postgraduate Stipendien für das fremdsprachige Ausland

Ab sofort sind Postgraduate Stipendien für Studieren im Ausland in aktualisierter Form in der Stipendiendatenbank www.grants.at abrufbar.

Ausschreibung: Universitätsprofessor/in an der Fakultät für Technische Naturwissenschaften und Informatik der Technischen Universität Wien am Institut für Kartographie und Geo-Medientechnik

Anstellungserfordernisse der Professur am [Institut für Kartographie und Geo-Medientechnik](#) sind eine der Verwendung entsprechende abgeschlossene inländische oder gleichwertige ausländische Hochschulbildung, hervorragende wissenschaftliche Qualifikation in Forschung und Lehre für das zu besetzende Fach, pädagogische und didaktische Eignung, Qualifikation zur Führungskraft, facheinschlägige Auslandserfahrung. Weitere Informationen sind dem [Ausschreibungstext](#) zu entnehmen.

Ausschreibung: Technologie-Transferprogramm protec 2002+ des BMWA

In der ersten Ausschreibungsrunde des Programms "protec 2002+" des [Bundesministeriums für Wirtschaft und Arbeit](#) wurden 55 Projekte mit insgesamt 391 involvierten Partnern eingereicht. Davon wurden 15 Projekte mit 110 Partnern und einem Projektvolumen von 5,3 Millionen Euro für eine Förderung im Gesamtvolumen von 2,2 Millionen Euro empfohlen. Die zweite Ausschreibungsrunde der Programmlinien protec-INNO und protec-NETplus läuft vom 3. November 2003 bis 30. Jänner 2004. "protec 2002+" umfasst drei Programmlinien: "protec-TRANS" unterstützt konkrete Technologietransferprojekte, "protec-INNO" fördert Projekte, die sich mit Good Practice Modellen befassen und protec-NETplus soll Kooperation und Netwerkbildung unterstützen. Antragsformular, Leitfäden und Evaluierungsmanual sind bei den beiden Förderungsabwicklungsstellen [ERP-Fonds](#) und [Technologie Impulse Gesellschaft](#) - TIG erhältlich.

Ausschreibung: Staatspreis und Förderpreis für Wissenschaftspublizistik

Das Bundesministerium für Bildung, Wissenschaft und Kultur ([bm:bwk](#)) vergibt für hervorragende journalistische Leistungen auf dem Gebiet der Wissenschaftspublizistik wieder den mit 5.500 Euro dotierten [Staatspreis](#) sowie den [Förderpreis](#) in Höhe von 2.500 Euro. Einreichschluß ist der 31. Jänner 2004 beim [bm:bwk](#).

CONSTANTINUS Preis 2004

Der CONSTANTINUS Preis wird in den vier Kategorien "Informationstechnologie", "Management Consulting", "Kommunikation und Netzwerke" sowie "Personal und Training" vergeben. Zusätzlich wird aus allen Einreichungen von Unternehmen, die jünger als drei Jahre sind, der Jungunternehmerpreis (JU) ermittelt. Eine Neuerung ist die Einführung der zusätzlichen Kategorie "CONSTANTINUS Europe" für Projekte, die neben dem Export österreichischer Dienstleistungen Vorbildwirkung für internationale Kooperation und grenzüberschreitendes Networking nachweisen. Die Einreichunterlagen und weitere Informationen zur Teilnahme am CONSTANTINUS Preis 2004 für Beratungs- und IT-Projekte sind auf der Website [CONSTANTINUS Club](#) im Fachverband Unternehmensberatung und Informationstechnologie der [Wirtschaftskammer Österreich](#) abrufbar. Ende der Einreichfrist ist der 16.1.2004.

Fellowship Programme of the Institute For Advanced Studies On Science, Technology and Society (IAS-STS) 2004/2005

The Institute for [Advanced Studies on Science, Technology and Society \(IAS-STS\)](#) in Graz, Austria, offers five grants (EUR 1,000.- per month) for fellowships at the IAS-STS in Graz starting 1 October 2004, ending 30 June 2005. The IAS-STS promotes the interdisciplinary investigation of the links and interactions between science, technology and society as well as research on the development and implementation of socially and environmentally sound technologies. The IAS-STS provides the necessary research infrastructure, while a number of guest lecturers and workshops foster an atmosphere of creativity and scholarly discussion. Closing date for applications is 15 January 2004. The grants of the fellowship program 2004/2005 are dedicated to projects investigating the following issues:

1. Gender – Technology – Environment
2. Ethical, Legal and Social Aspects of Genome Research and Biotechnology
3. Technology Studies and Sustainability

Wolf Theiss Award

Der [Wolf Theiss Award](#) wird in Kooperation mit der Wiener Tageszeitung Der Standard seit 2000 jährlich für eine hervorragende wissenschaftliche Arbeit zum österreichischen und europäischen Wirtschaftsrecht oder zum internationalen Wirtschaftsrecht mit eindeutigem Österreichbezug vergeben. Preisgeld sind Euro 10.000. Einreichschluß ist der 26. März 2004.

Oberbank-Wissenschaftspreis

Nach der erfolgreichen, erstmaligen Ausschreibung im Jahr 1993 wird der [Oberbank-Wissenschaftspreis](#) heuer zum sechsten Mal in Zusammenarbeit mit der Johannes Kepler Universität Linz und dem WirtschaftsBlatt ausgeschrieben. Die Vergabe erfolgt in drei Kategorien: Wissenschaft (wissenschaftliche Arbeiten), Universität (Diplomarbeiten), Fachhochschule (Diplomarbeiten). Einreichfrist ist der 31. Dezember 2003.

Fulbright Student Grants, 2004-2005

This grant program is designed for young academics in most fields who are interested in studying for a graduate degree (Master's or Ph.D.) in the United States. All graduate studies, with the exception of medicine and veterinary medicine programs, at accredited American universities can be considered. It is possible to complete similar continuing studies programs, such as Health Care Management, Public Health, or non-clinical programs in the field of

medicine.

For more information: [Application Instructions](#), [Online Application](#), [Health and accident insurance](#). Deadline for the academic year 2004/ 2005 is April, 15 2004.



Ausschreibung von FIT-IT Embedded Systems Forschungsprojekten

Inhalt: Begleitmaßnahmen, insbesondere Ausbildungsprojekte, Konzeptprojekte und Stipendien

Deadline: Diese kontinuierliche Ausschreibung bleibt bis auf weiteres geöffnet.

Information: www.fit-it.at



Friedwart Bruckhaus-Förderpreis 2003/2004

Der Preis wird von der [Hanns Martin Schleyer-Stiftung](#) an junge Wissenschaftler und Journalisten verliehen, die zu dem Thema "Parteienstaatliche Demokratie in Nöten - Von der Erstarrung zur Öffnung?" wissenschaftlich oder journalistisch gearbeitet haben. Vorgesehen sind drei Preise von je Euro 5.000,-, die aufgeteilt werden können. Bei der Auswahl werden Arbeiten berücksichtigt, die nach dem 1.1.2003 in deutscher Sprache veröffentlicht wurden. Die Bewerber sollten das 32. - in Ausnahmefällen das 35. - Lebensjahr noch nicht vollendet haben.



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For more information: [Application Instructions](#), [Online Application](#), [Health and accident insurance](#). Deadline for the academic year 2004/ 2005 is April, 15 2004.



Austrian Databases and Portals on Studying in Austria, Grants and Research

Stipendiendatenbank zu [Studieren im Ausland](#)

Grants Database for [Studying in Austria](#)

Informationen zum [Studium in Österreich](#)

Information on [Studying in Austria](#)

Informationen zum [Studienbeitrag an Universitäten und Universitäten der Künste](#)

[Study abroad](#) (German only)

[Study and research in Austria](#) (English and German)

[Researcher's mobility portal Austria](#) - one of the first national researcher's mobility portals in Europe

Information Sites of the University of Vienna on funding, research opportunities and application deadlines:

- [Fristen in Stipendien- und Förderprogrammen](#)
Tabellarische [Listung von Forschungsfinanzierungen nach Abgabeterminen/ Instiutionen](#)
- [Office for Research Funding, Sponsoring and Public Relations](#)
- [Information Site for Researchers](#)
- [Zentrum für Drittmittel, Forschungsförderung und Öffentlichkeitsarbeit](#)

Resourcen zur Forschungsfinanzierung (bereitgestellt durch Universität für Bodenkultur):

- [Forschungsfinanzierung durch den Bund](#)
- [Forschungsfinanzierung durch Länder und Gemeinden](#)
- [Forschungsfinanzierung durch Industrie und Private](#)
- [Forschungsfinanzierung durch die BOKU](#)
- [Forschungsfinanzierung in Europa](#)
- [Forschungsfinanzierung International](#)

Austrian Research in North America: News & Information

Introductions

- [Brigitte Wopenka, Washington University](#)
- [Hans Ladanyi, SQLSelect](#)
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News & Information

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- [\(Visa-\) Bestimmungen zur Einreise in die U.S.A.](#)

Introductions

> Brigitte Wopenka

> Your institution and your institution's URL

[Washington University in St. Louis](#)

> Are you there with a specific scholarship or grant?

No. The summer before I moved to St. Louis I gave a talk and was interviewed at Washington University. I then was hired and paid by the Department of Earth and Planetary Sciences as a Postdoc.

> Duration of your stay in the U.S. or Canada (From - to)

January 1983 to open-ended (most likely forever)

> Academic degrees

Dipl. Ing. Dr. techn. I studied Chemical Engineering (Technische Chemie) at the Technical University in Vienna (Technische Universitaet Wien) and specialized in Analytical Chemistry

> Scientific Discipline and your current area of research

Analytical Chemistry, Vibrational Spectroscopy, Raman spectroscopy, Mineralogy, Biomineralization

> Your personal URL

<http://epsc.wustl.edu/admin/people/wopenka.html>

> What made you decide to work in North America?

Originally, I came to the USA for personal reasons. I fell in love with [Ernst Zinner](#) who is since 1983 my beloved husband (and another Austrian scientist in the US). It took me at least five years to get used to the life and work in the



imagine to move back to Austria. I go there every year for vacation to visit relatives and friends, and I have a good time. But I don't want to live and work in Austria anymore. I feel that the scientific environment in the US is more open-minded and more stimulating than the one in Austria.

> **What are the benefits of this network and of being a part of it?**

I really don't know. I think it mostly benefits those scientists who come to the US or Canada for only a limited amount of time. It gives them information and names of people whom they can contact. But I have not yet figured out what the benefits are for those of us who are here permanently.

> **What's special about the Austrian Scientific Network in North America? In what regards is it different from other scientific associations?**

—

> **Your favorite web-sites? (Web-sites that ought not to be missed ...)**

<http://lonelyplanet.com/>

<http://www.eisriesenwelt.at/>

<http://www.lib.uchicago.edu/keith-cgi-bin/austria/>

<http://www.uky.edu/Projects/Chemcomics/>

<http://vm.cfsan.fda.gov/~dms/chemist.html>

> **What's your most memorable experience as an Austrian researcher in North America?**

The most memorable experience was when my Austrian husband Ernst Zinner (dressed in a tuxedo with long tails) received in 1997 the J. Lawrence Smith Medal and \$20,000 from the US National Academy of Sciences "for his pioneering studies of the isotopic composition of circumstellar dust grains preserved in meteorites, opening a new window to the formation of the solar nebula".

The most typical experience is that it does not count or matter that one is Austrian (or Australian or Chinese or American). What matters in the USA is how good of a scientist you are and not whom you happen to know and where you happen to come from and what academic titles you have.

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> Hans Ladanyi

> **Your institution and your institution's URL**

Derived Systems Corp (Private Corporation), www.sqlselect.com, derzeit nicht aktiv

> **Are you there with a specific scholarship or grant?**

no; but initially I came through the Austria-Illinois Exchange program; they covered 3 1/2 years with a tuition scholarship to the University of Illinois at Urbana-Champaign

> **Duration of your stay in the U.S. or Canada (From - to)**

1985 - present

> **Academic degrees**

Mag. rer.soc.oec. (Econ), Lehrbefaehigung Blockfloete, M.S (Organizational Behavior), Ph.D. (Educational Research)

> **Scientific Discipline and your current area of research**

Business and Educational Research (mostly quantitative methods), Currently active in applied research and development related to databases, representation of metadata, and design of large-scale/complex databases.

> **Your personal URL**

www.hansladanyi.com (im Moment auch nicht aktiv)

> **What made you decide to work in North America?**

It is not so much that I decided to stay here, but that I avoided going back, mostly due to the lack of comparable opportunities in Europe, and much more bureaucracy and hurdles. The size of projects, in which I am typically involved, dwarfs those I could do elsewhere, and this size and complexity creates challenges that I enjoy. It is also nice that vows of poverty are not a condition for scientific/analytical work here. Incidentally, starting 2004, I will be involved in a European Research Project with a consortium coordinated by Salzburg Research.

> **What are the benefits of this network and of being a part of it?**

I met several fellow-Austrians, with similar experiences and interests, and had an opportunity for some inter-disciplinary cooperation and mutual help.

> **What's special about the Austrian Scientific Network in North America? In what regards is it different from other scientific associations?**

The network is really just evolving and finding its proper space. But it is gratifying to see how many Austrians are making their mark here. It has definitely improved communication among us, and that in itself is a big benefit, especially as it breaks down interdisciplinary lines. In contrast, the typical scientific organizations are organized around disciplines, the more informal background of the members is irrelevant, and they are mostly engaged in furthering their discipline



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> **Your favorite web-sites? (Web-sites that ought not to be missed ...)**

www.doonesbury.com, www.dilbert.com. Sadly, both provide a better interpretation of US corporate and political life than the standard media.

> **What's your most memorable experience as an Austrian researcher in North America?**

For me, being an Austrian and being a researcher are orthogonal dimensions, with other words, they have nothing to do with one another. Similarly, I don't feel particularly Austrian here or American in Europe. Hence, memorable incidents would likely be related to some common experiences, or some true oddities. The former would be the often amazingly similar experiences of those who grew up in Austria but spent a significant part of their careers here. The latter would be the many examples of Austrian English pronunciation such as those provided by the most recent Austo-American politician when he mutilates the word "Kahlifoania" or hearing Otto Schenk play the role of "Frosch" in an English version of "Die Fledermaus".

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> Franziska Michor

> **Your institution and your institution's URL**

Program in Evolutionary Dynamics, Department of Organismic and Evolutionary Biology, [Harvard University](http://www.harvard.edu), Cambridge, MA 02138

> **Are you there with a specific scholarship or grant?**

Scholarship of the Department of Organismic and Evolutionary Biology

> **Duration of your stay in the U.S. or Canada (From - to)**

2002-open end

> **Academic degrees**

BS in molecular biology, Vienna 2002;

> **Scientific Discipline and your current area of research**

scientific discipline: molecular biology, biomathematics. area of research: mathematical models of cancer initiation, progression, and invasion.

> **Your personal URL**

<http://www.oeb.harvard.edu/nowak/franziska/franziskamichor.htm>

> **What made you decide to work in North America?**

the possibility to work with Martin Nowak and to receive a PhD from Harvard University
wanderlust

> **What are the benefits of this network and of being a part of it?**

Information on topics and events related to Austrian scientists in the USA network (and pub tours) of Austrians

> **What's special about the Austrian Scientific Network in North America? In what regards is it different from other scientific associations?**

A network intended to support Austrian scientists is already different from any other scientific association. ASciNA provides a personal touch that I have yet to find in other organizations and it also helps me keep in touch with Austrian culture.

> **Your favorite web-sites? (Web-sites that ought not to be missed ...)**

> **What's your most memorable experience as an Austrian researcher in North America?**

being able to meet the best researchers in any field

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> Marin Guentchev

> **Your institution and your institution's URL**

National Institutes of Health, www.nih.gov

> **Are you there with a specific scholarship or grant?**

for an year and a half I had a Max-Kade Stipend and now I am on a Foggarty Fellowship

> **Duration of your stay in the U.S. or Canada (From - to)**

Feb 2001-2004

> **Academic degrees**

MD: University of Vienna

> **Scientific Discipline and your current area of research**

Neuroscience/Neural stem cells

> **Your personal URL**

<http://mammary.nih.gov/lgp/lab/index.html>

> **What made you decide to work in North America?**

I wanted to experience something new before I decide in which direction my carrier should go. Living in America and especially working at a high ranking research institution was something I always viewed as exiting and desirable.

> **What are the benefits of this network and of being a part of it?**

I met a lot of friends

> **What's special about the Austrian Scientific Network in North America? In what regards is it different from other scientific associations?**

First of all it exists. scientists from very few countries have managed to crate anything like ASCINA. ASCINA is a scientific as well as a social circle.

> **Your favorite web-sites? (Web-sites that ought not to be missed ...)**

<http://us.expasy.org/>

> **What's your most memorable experience as an Austrian researcher in North America?**

The big ASCINA meeting in Washington, DC last year. It was really impressive to see how people from all over the us came to Dc to start create a association of austrian scientist in north america.



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News from the Network

Stanford Program in Law, Science & Technology provides new Newsletter and Newsblog

[Roland Vogl](#), Executive Director of the Program in Law, Science & Technology at Stanford Law School informed us that the website got recently expanded to offer a regularly updated listing of LST-related news and events. The LST newsblog, located at <http://lst.stanford.edu>, provides a unique legal perspective useful to anyone interested in the increasingly prominent role that science and technology play in the world today. The LST newsblog is an excellent resource to keep everyone updated on recent developments in law, science and technology. Also, interested colleagues can subscribe to the new LST newsletter LST@Stanford at the mentioned [website](#). The very first issue of the newsletter is available in an [HTML version](#) as well as in a printable [PDF version](#). The newsletter covers law, science, and technology related developments from across Stanford University and around the world.

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Karl Kothbauer leaves Beth Israeli,NY for Kantonsspital Luzern

Karl Kothbauer relocates back to Europe and will assume the position of Chief of Neurosurgery at the Department of Surgery at the State Hospital in Lucerne, Switzerland. He can be reached at [Kantonsspital Luzern](#), CH-6000 Luzern 16, Switzerland.

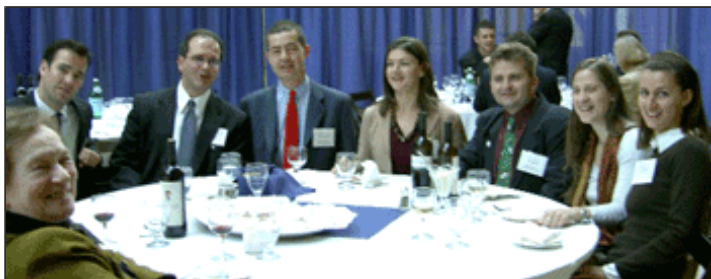
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Participation of Austrian researchers at the EU conference on "Transatlantic Mobility of Researchers", Dec 9. 2003/ Introduction of the new [European Researcher's Mobility Portal](#)

The European Commission Delegation in Washington DC in conjunction with the Italian EU-Presidency hosted the conference on TRANSATLANTIC

MOBILITY OF RESEARCHERS: New Opportunities for Career Development and EU/US Cooperation in Science and Technology. This conference aimed at raising awareness of the new opportunities in Europe for researchers' careers and mobility and at enhancing co-operation with the United States, on the basis of the principle of brain circulation and broader career perspectives. It addressed primarily the European scientific community currently working in the United States. The OST enabled the participation of 5 Austrian researchers out of the network of Austrian scientists and scholars in North America. The Austrian participation was funded by the Austrian Federal Ministry for Education, Research and Culture. The Austrian participants were: Dr. Roland Vogl/ Stanford, Mag. Manuela Steinberger/ Minnesota, Center for Austrian Studies, Mag. Martina Weinberger/ EU-Center Pittsburgh, Dipl.Ing. Dieter Eier/ Frequentis and Hans Ladanyi/ SQLSelect. The conference offered an excellent opportunity for participants:

- to take stock of the current policy developments in the EU on research careers and mobility, and learn about the new initiatives aimed at improving the overall environment of researchers in Europe: [European researchers' mobility portal](#), European network of mobility centres (ERA-



- MORE), as well as the new Marie Curie grants for the training, mobility and career development of researchers;
- to discuss experiences and expectations with and among European researchers working in the US and explore possibilities for further networking;
- to identify means to encourage the mutual exchange of information and good practice between Europe and the United States as regards the social recognition of researchers and the ways to foster new perspectives for careers in R&D.

A report on this conference will be published in the first issue of this newsletter in 2004; a special issue on the launch of the National Mobility Centers will follow in March. The policy-developers, Sigi

Gruber and Jimmy Jamar of the Directorate-General for Research at the European Commission, who are in charge of these new EU initiatives will contribute a feature article.

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M.Stampfer briefed Austrian Scientists on funding opportunities with the WWTF

The OST prepared a study trip for Dr. Michael Stampfer, managing director of the [WWTF](#). M Stampfer took the opportunity to invite Austrian researchers on December 4th to the Embassy to talk about the various funding opportunities with them.

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Neue Bestimmungen: U.S. Visum für Studierende und ForscherInnen

Beginnend mit dem 14. Juli 2003 müssen alle Bewerber um J-(Austausch) bzw. ein F-(Studierenden) Visum beim U.S. Konsulat in Wien persönlich vorsprechen, um ihr Visum zu beantragen, d.h. die Möglichkeit einer postalischen Einreichung entfällt. Visa können am darauffolgenden Arbeitstag beim Konsulat abgeholt werden oder dem Antragssteller mittels eines selbstadressierten und frankierten Kuverts zugesendet werden. Weitere Details auf der [Website der U.S. Embassy in Wien](#).

Neue Bestimmungen: Änderung der erforderlichen Reisedokumente zur Einreise

Beginnend mit dem 1. Oktober 2003 müssen alle Personen, die in die USA einreisen wollen, sogenannte maschinell-lesbare Reisepässe besitzen. (Die älteren "grünen" österreichischen Reisepässe sind nicht maschinell lesbar. Die neuen "roten" EU Reisepässe sind maschinell lesbar.) Wenn man vor dem 1. Oktober mit einem "grünen Reisepass" in die Staaten einreist, kann es passieren, dass man nach dem 1. Oktober nicht mehr einreisen darf, wenn man seine Reisen mit dem grünen Reisepass fortgesetzt hat (z.B. Ausreise aus den USA und ein Versuch der Wiedereinreise). Details dazu auf den [Infoseiten der U.S.Embassy in Wien](#).

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