



Expanding Horizons

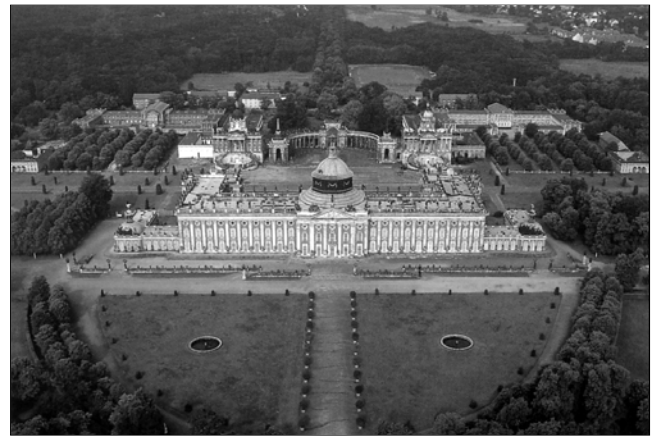
The Newsletter of International Programs at
The University of Montana, Missoula, MT, February 2004

The University of Potsdam in Germany is New UM Partner By Jerry Fetz, Interim Dean, College of Arts and Sciences

For anyone familiar with the history of the Second World War, or with perhaps the best known of the Prussian kings, Frederick the Great, the town of Potsdam certainly rings a bell. The Allied leaders gathered there to deliberate on what to do with Germany after the war, and it was in Potsdam that they decided on the arrangement that ultimately led, although that wasn't the intention of at least the American, British, and French leaders, to the division not only of Germany, but of all of Europe for over forty years. Almost two centuries earlier, Potsdam, located close to the Prussian capital of Berlin, had become the summer residence and the site of Frederick's magnificent Baroque summer castle, *Sanssoucci*.

Now, with the Cold War over and the Berlin Wall in souvenir-size pieces or in museums around the world, Potsdam, which was cut off from West Berlin by the Wall until November 1989, can be reached by commuter train from Berlin, the capital of Germany once again, in less than 30 minutes. And Potsdam is a capital city itself, serving in that capacity for the German state of Brandenburg. More importantly than all of this for us here at The University of Montana, however, is the fact that Potsdam is the home of the University of Potsdam, and our two universities have just become international partners.

Numerous contacts between the Universities of Potsdam and Montana over the past several months generated interest on both sides to develop various student, faculty, and staff exchanges in the context of an official university partnership. Several UM staff members—Barbara Seekins and Udo Fluck of International Programs, and, most recently, the author of this piece, Gerald Fetz, Interim Dean of the College of Arts and Sciences and Professor of German Studies—have visited Potsdam and laid the groundwork for the relationship. A UM delegation, including President Dennison, Dean Fetz, and several UM professors from selected disciplines, will spend several days as guests of the University of Potsdam in late June, making scholarly presentations to colleagues and students in their own disciplines, beginning research collaborations, and getting to know one another. We also hope to be able to convince several Potsdam students to come to UM in the near future on exchange, just as we will begin inviting applications from UM students to travel to Potsdam on exchange. We also expect that a delegation



The University of Potsdam's main campus is literally in the backyard of Sanssoucci Palace

from Potsdam will visit our campus sometime during the coming year.

The University of Potsdam is the only university in the German state of Brandenburg, although there are several in nearby Berlin. It is now in its second decade, having grown out of a Teachers' College that existed there prior to the end of the German Democratic Republic some fourteen years ago. The Potsdam campus is divided into several locations around the relatively small city (130,000 inhabitants), but the main campus is literally in the backyard of Frederick's *Sanssoucci* Palace. The range of disciplines offered at the university, with approximately 15,000 students, includes most of those we generally term fine arts, humanities, natural, physical, and behavioral sciences, as well as the social sciences. Potsdam also has a Law School, an Institute for Software System Technology, three different Max Planck Institutes, a Center for European Jewish Studies, a Center for Contemporary History, and several other institutes and centers with various research and educational specializations.

If you are interested in finding out more about the University of Potsdam and opportunities for exchanges, contact International Programs.

UM as the Link in a 6,000 Mile Triangle

By Kerry R. Foresman, Professor, Biological Sciences

University-to-university exchange programs take on new life when they make the transition from formal, blanket institutional agreements to rich discipline-focused faculty and student exchanges. I am excited to be part of the early growth of an exchange program in ecology between UM and two universities in Taiwan with which formal agreements are in place. A detailed plan for an ecological-academic exchange program between UM and Providence University (Taichung, Taiwan) grew out of a recent visit there by Don Christian, Associate Dean, and Ray Callaway, Associate Professor, Division of Biological Sciences. This trip followed a visit by 13 Providence University ecology faculty and graduate students to UM in 2002. All of these interactions build on a Memorandum of Understanding for academic exchange signed by the two university presidents in 2001. The exchange program between UM and Providence, 6,400 miles apart, is creating a new link between Providence and Tunghai University, which are about five miles distant from each other in the same city.

Established in 1949 as a Catholic English Supplementary School for women, this institution continued to expand, first to a junior college for women and in 1963 to the Providence College of Arts and Sciences for women. Early emphases were placed upon Chinese Literature, Western Languages and Literature, Business, and Mathematics. The renaming of this institution to Providence University followed the admission of men in 1993 and most recently, in 2003, two new institutes and three new departments were created, one of which was the Department of Ecology. From its inception, this institution has focused upon expanding opportunities for its students to acquire English language and cultural skills. Other UM-Providence interactions since 2001 have focused on these interests. With the creation of the Department of Ecology, we now have opportunities to expand our research, faculty, and student exchange collaborations into a scientific area.

When these discussions were initiated, I was very interested in participating in such an exchange opportunity as a potential component of a pending sabbatical. I had previously spent three months in 1993 in China, specifically on the Tibetan Plateau, collaborating with the Mammal Research Institute in Xining, and had wanted to get back to this part of the world ever since. However, as I started to develop my sabbatical plans

for the spring of 2004, formal agreements with the Department of Ecology were not in place and the timing did not appear to be correct. I was fortunate to be able to develop a series of collaborative projects with scientists in Poland for my sabbatical, which I previously described in the October issue of *Expanding Horizons*, but thoughts of Taiwan still remained. With recent development of new ties, Taiwan quickly emerged again as a possibility and I will now take advantage of both opportunities by traveling to Taiwan in mid-March for an initial three week stint before going to Poland later in the spring. Among other activities, I will be co-teaching a segment of a new Animal Ecology course with Drs. Chiung-Fen Yen and Sen-Her Shieh. I will also present several research seminars on my lab's programs, as well as provide a further overview of the ecological research being conducted by DBS faculty and the opportunities for collaboration and exchange.

Dr. Callaway is considering offering his graduate plant ecology seminar this spring via internet-based video conferencing, so that a graduate student at Providence could participate. If such arrangements can be made, I could also serve as a mentor for this student while I am there. This would provide us with a good test run for such classroom links. In addition, Dr. Shieh is planning a summer 2004 research visit to Montana, and I will be able to help him develop his research plans.

The existence of cooperative agreements with both Providence and Tunghai Universities provides an unusual opportunity for three-way collaboration. I would plan on spending time at Tunghai as well, giving seminars and exploring collaborative opportunities with Dr. Liang-Kong Lin, the chairman of the Department of Biology. Dr. Lin's research parallels mine remarkably closely; we both work on reproductive and developmental studies involving shrews, bats, and mustelids (the weasel family). Interestingly, despite their proximity, interactions between Providence and Tunghai have been quite limited. My trip would allow me (and UM) to serve as a bridge to develop stronger ties between these universities — which share similar goals to internationalize their programs, even though they have different emphases. From this trip, I hope many more opportunities will become available to enhance our international programs at UM.

Joint Program in Conservation Biology between UM and Victoria University of Wellington, New Zealand

By Fred Allendorf, Professor, Biological Sciences

Fred Allendorf, Division of Biological Sciences, spent a sabbatical year as a Fulbright Senior Fellow at the Victoria University of Wellington (VUW), New Zealand in 2000-2001. He and Professor Charles Daugherty, Head of the School of Biological Sciences at VUW are now developing a *collaborative program* in Conservation Biology. This program will take advantage of the contrasting evolutionary and conservation histories of New Zealand and Montana to offer an internationally based program of conservation biology.

New Zealand is a “classic” island from an evolutionary and conservation perspective. It is a world hotspot of biodiversity because of its many endemic species that occur nowhere else in the world (e.g., tuatara, takahe, and kakapo). Many species have become extinct in the last 1500 years (e.g., the many species of moa as well as most reptiles and amphibians from the mainland). In striking contrast, Montana is a part of a continental system, and is unusual in that it still has all the historical species remaining. Even the large predators (grizzly bears, wolves, etc.), the species that are generally the first to be extirpated from a region, are still present throughout much of their original range in Montana. Nevertheless, both New Zealand and Montana confront similar conservation management issues, particularly habitat loss, fragmentation and isolation of populations, and the effects of invasive species.

This program will provide an opportunity for Masters and PhD students at both institutions to take courses and gain first-hand research experience at the partner university.



Fred Allendorf and Charlie Daugherty in New Zealand

Allendorf and Daugherty have submitted an Alumni Initiative Award proposal to the Council for International Exchange of Scholars for funding during 2004 – 2006 to establish this program via formal student exchange agreements between the two universities, and investigate the feasibility of jointly awarded degrees. The cornerstone of the *collaborative program* will be two joint distance-learning courses conducted by videoconferencing. Course topics will be chosen to take advantage of faculty expertise and the contrasting natural systems of Montana and New Zealand. This *collaborative program* will also support one or two graduate students from each university to travel to the partner university for coursework and field experience.

Conservation biology is an international science. UM and VUW are leading conservation education institutions, and conservation is a significant societal issue in both Montana and New Zealand, with innovative methods being employed in both places. This program will bring the best of both worlds to students, providing valuable international perspective for the students and faculty at both universities. The interactions brought about by the videoconferencing seminar course and the travel of students to the partner university will result in a variety of additional interactions between faculty and students. For example, faculty will become committee members on graduate student committees at the partner institution. In addition, joint research, including collaborative proposals for funding, will result. This support will ensure the continuation of the program beyond the two year support period.

IP Apartments for Rent

IP has several apartments on the 600 block of South Sixth Street available for rent in the summer and during fall and spring semesters. These apartments are typically rented to visiting scholars and their families. They are reasonably priced and conveniently located near campus.

For more information, please contact Meghan Squires at the International Center (243-6865, meghan.squires@mso.umt.edu).

Conferences

The Second International Conference on New Directions in the Humanities will be held in Tuscany, Italy from July 20 – 23, 2004. The deadline for proposals is February 20, 2004. Full details of the conference and the online call for papers are to be found at www.HumanitiesConference.com.

Internationalizing the Curriculum: An International Conference on Study Abroad Curriculum Integration will be held April 15 – 17, 2004 in Minneapolis, Minnesota. For online registration and conference information please visit www.UMabroad.umn.edu/conference.

Experiential Learning: Sustaining Global Partnerships in a Changing World will be held by the National Society for Experiential Education (NSEE) in Miami from September 29 – October 2, 2004. For more information please visit www.nsee.org.

Education Network International Expo: *The Globalization of the Educational Market Place* will be held from April 5 – 6, 2004 in Almaty, Kazakhstan. For more information regarding registration fees and logistical details, please contact: EdNet Grant Manager Maksat Salpynov, email: msalpynov@ednetca.org.

Fatih University in Istanbul, Turkey will hold an International Congress on Higher Education entitled *Perspectives on University Education in the 21st Century* from May 27 - 29, 2004. For more information, please visit www.edu2004fatih.edu.tr.

Grants, Fellowships & Scholarships

The International Research Experiences for U.S. Undergraduates (INTREU) Program offers grants to individual U.S. specialists who would like to initiate an INTREU site program in the Central Europe and Eurasia/Newly Independent States region. The application deadline is April 1, 2004. Details about the grant and application forms can be found at www7.nationalacademies.org/dsc/INTREU.html.

The Ford Foundation International Fellowships Program (IFP) provides opportunities for advanced study to exceptional individuals who will use this education to become leaders in their respective fields and further development in their own countries. IFP seeks candidates from social groups and communities that lack systematic access to higher education. To obtain more information about the program please visit www.fordifp.net/index.cfm?PageID=4.

The Five College African Scholars Program invites proposals for competitive residency fellowships from junior and mid-level teaching staff employed full-time in African universities. Projects relevant to the study of Africa are welcomed in the humanities and social sciences. Program details and application deadlines can be found at www.fivecolleges.edu/asp.

IREX announces the **2004 Roberts Fellowship Program**. The program will support cutting-edge research on primary, secondary, and/or higher education in the Middle East and North Africa (MENA) region. The application deadline is April 1, 2004. For more information, including application materials, please visit the IREX website at www.irex.org/programs/roberts.

The Consulate-General of Japan is now accepting applications for the following 2004 Japanese Government Scholarships: **The Japanese Studies Scholarship** is available to students majoring or minoring in Japan-related studies. **The Teacher Training Student Scholarship** is available to primary and secondary school teachers with at least five years of teaching experience. To request applications and for more information, please contact the Consulate-General of Japan at Seattle Scholarship Desk, email: education@cgjapansea.org, phone: (206)682-9107.

The Japan Institute for Social and Economic Affairs in cooperation with National Association of Japan-America Societies will sponsor **Ten Teacher Fellowships for 2-Week Summer Study in Japan**. The application deadline is February 29, 2004. For more information go to: www.us-japan.org/kkc_fellowships/main.html.

The Eurasia Program offers a fellowship program for research on the Russian Empire, the Soviet Union and the New Independent States. Funding for this program is provided by the U.S. Department of State. For further information contact: eurasia@ssrc.org.

Please send information about international conferences, grants, fellowships or scholarships to goabroad@mso.umt.edu.

Change, Complexity, and Uncertainty: Conservation Challenges and Opportunities in Southern Africa

A Brown Bag Lunch Seminar Series

Southern Africa is a complex region that is undergoing dramatic social, political, and cultural transformations. Conservation activities in the region (both within and outside protected areas) are embedded in this little understood context and must respond appropriately. Eight speakers with experience in Southern African conservation issues will address some of the current challenges and opportunities of conservation in the region through a series of brown bag lunch seminars. The Department of Society and Conservation welcomes all those with an interest in conservation, protected areas, or the Southern African region to attend.

Seminars will be held every other Friday at 12:00pm in Science Complex 452

- Feb. 6 **Change, Complexity, and Uncertainty: Conservation Challenges and Opportunities in Southern Africa**
Wayne Freimund & Steve McCool, *Dept. of Society & Conservation, UM*
- Feb. 20 **Trans-frontier Conservation Areas of Southern Africa and Community Involvement in the Context of International Law**
Randy Tanner, *Dept. of Society & Conservation, UM*
- Mar. 5 **Promoting Community “Buy In” or Buy Off? Participation Strategies for Conservation in Swaziland**
Chad Dear, *Dept. of Society & Conservation, UM*
- Mar. 19 **Public-Private Partnerships in Protected Area Management**
Nicholus Funda, *Centre for Environment & Development, University of KwaZulu-Natal, South Africa*
- Mar. 26 **Searching for Wildness in South Africa**
Alan Watson, *Aldo Leopold Wilderness Research Inst.*
- April 9 **Institutional Culture: Ezemvelo KwaZulu-Natal Wildlife**
Nyambe Nyambe, *Centre for Environment & Development, University of KwaZulu-Natal, South Africa*
- April 23 **Implementing Land Restitution in Protected Areas: Challenges Encountered and Lessons Learned in KwaZulu Natal, South Africa**
Laurie Ashley, *Dept. of Society & Conservation, UM*
- May 7 **Change, Complexity and Uncertainty: Conservation Challenges and Opportunities in Southern Africa Revisited**
Panel discussion with all speakers

Toyo University ~ UM Scientific Cooperation: Symposium on Bioscience and Nanotechnology By Leonid V. Kalachev, Professor, Mathematics

On November 15, 2003 Professor William Derrick of the Department of Mathematical Science and I took part in the First International Symposium on Bioscience and Nanotechnology at Toyo University in Tokyo, Japan. The symposium brought together scientists from various parts of the globe for an exchange of ideas in this rapidly developing new field of study. In addition to a number of prominent scientists from various institutions in Japan, there were representatives from Great Britain (University of Sussex), France (University of Paris), Germany (Max-Planck Institute, Paul-Drude Institute) and the USA (The University of Montana).

Nano-science deals with objects (particles, clusters of particles of different nature, biological systems, electronic devices, etc.) of sizes ranging from 1 to about 100 nanometers (1 nanometer = 10^{-9} meter), and their special properties related to such small sizes. Many interesting new scientific problems arise in this area, which have a variety of practical applications including medical diagnostics, new methods in fabrication of electronic devices, new methods of drug delivery, and others.

There were four invited talks at the symposium (one talk was delivered by the Nobel Prize laureate Professor Harold Kroto of University of Sussex), a panel discussion (in which Professor Derrick and I participated), and the poster sessions. In the beginning of the symposium, current Director of the Bio-Nano Electronics Research Center at Toyo University, Professor Toru Maekawa, briefly described the history of the Center, its current activities, and the plans for the future. The Center was established in 1996, and just last summer it received a prestigious Grant for 21st Century Centre of Excellence Programme in the field of interdisciplinary new science from the Japanese Ministry of Education, Culture, Sports, Science and Technology.

Professor Derrick and I are currently visiting researchers affiliated with this Bio-Nano Center. We participate in several joint scientific projects together with Professors Toru Maekawa and Toru Toyabe of Toyo. It is important to mention the pivotal role that The University of Montana's faculty exchange program played in the origination of this joint research: this scientific cooperation first started during my exchange visit to the Engineering Department of Toyo University in 1997-98.

To further extend the scientific ties between The University of Montana and Toyo University, we are planning a meeting in Missoula (UM - Toyo Symposium on Bio-Nano Technology and Sciences) for late September 2004. Professor Toru Maekawa will be the keynote speaker at this meeting. His presentation will focus on how the Bio-Nano Electronics Research Center at Toyo was created. Hopefully, this meeting will attract some researchers from our university to this exciting area of study and will facilitate new scientific cooperation and collaboration between different groups of specialists at our two universities.

Expanding Horizons



The University of
Montana

International Programs
International Center (MIP005)

IP invites you to attend **The International Brown Bag Series**

February 11th: Rhea Ashmore, Curriculum and Instruction
Educational Reform in the People's Republic of China

February 19th: Udo Fluck, International Programs
*Challenges in Educational Technology Training in
Multicultural Learning Environments*

March 4th: Michel Valentin, Foreign Languages and
Literatures
*Arabesques of incestuous desires: Orienting Women in 19th
Century French Literature and European Arts*

March 11th: Kimber Haddix, Anthropology
*International Development in Nepal in the Context of a
Maoist Revolution*

March 24th: Becky Richards, Sociology and Len Broberg,
Environmental Studies
"Growing" Canadian Studies at UM

April 8th: Ed Rosenburg, Chemistry
*International Collaborations in the Chemical Sciences,
Perspectives and Opportunities*

April 21st: Marian McKenna, Curriculum and Instruction
Wales: Dragons and Daffodils

All presentations are from 12:00 to 1:00 at the UC Boardroom

We welcome items of international or intercultural interest for the next newsletter. Please send them to International Programs, International Center, or email us (goabroad@mso.umt.edu).

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