Professional Development

Graduate students in the Ecology, Evolutionary Biology and Behavior Program gather weekly for an informal colloquium. During these meetings, students practice thesis presentations, prepare for conferences, and discuss issues concerning the larger academic community. See story on page 4.
The new academic year began like all others with excitement, anticipation, and promise. These feelings remain, but the horrific events of September 11, 2001, are still etched in our minds. While it is tempting to try to carry on as though our lives really weren’t changed, it would not be honest to do so. We must, however, reckon with those changes and consider how each of us, through our daily work, can contribute positively to what has been called a “new way of life”. As I reflect on the changes at MSU, I am pleased to introduce some of the programs, initiatives, and people that are making positive contributions, through graduate education, to the lives of others.

In this edition of *The Graduate Post*, we feature the interdisciplinary Ecology, Evolutionary Biology, and Behavior (EEBB) doctoral program and the master’s program in Epidemiology. Each contributes in a unique way to the richness of graduate programs at Michigan State.

The EEBB program is a great example of the energy that can be mobilized by a small group of faculty with an idea and a purpose for change. While interdisciplinary graduate programs are more common now, this program was very innovative when it began in the mid-1980s. With a variety of core courses, a very active seminar series, and a large group of enthusiastic graduate students and faculty that spans 4 colleges and 13 departments, EEBB represents an excellent standard for a successful interdisciplinary graduate program.

With the current focus on the possibility of bioterrorism, it is clear that the science of epidemiology will expand its very important contributions to our knowledge of the spread of disease organisms and strategies for protecting public health. Epidemiology at MSU is a relatively new department (1997), yet it has already attracted 50 graduate students The Graduate School is proud to recognize the 17 individuals from MSU who attended the Congress of Epidemiology in Toronto in June. This is the largest group of MSU faculty and graduate students to attend this annual Congress to date. Congratulations to graduate student Plamen Dimitrov, an international trainee, who won an award for his poster!

In this edition, we also focus on two areas of professional development that are important to graduate students (and to the faculty who mentor them). These are the Teaching Assistant Program and the Responsible Conduct of Research seminar series.

Kevin Johnston highlights some of the activities in the MSU Teaching Assistant Program and will write a regular feature for *The Graduate Post*. In this issue, Kevin introduces himself and his passion for pedagogy and for assisting TAs. He also provides the latest update on the restructuring of the TA Program to better serve the needs of teaching assistants and the undergraduates they teach. In a special feature, Kevin highlights an interview with a Math TA, Ying Li, who invests her time and energy in improving her teaching skills. If you haven’t yet met Kevin, stop in to the TA Program office in 9 International Center and say hello. Kevin is eager to assist departments with their own mentoring programs.

The Responsible Conduct of Research series is in its third year at MSU. Developed and organized by Terry May and Julie Reyes, this program reaches a growing number of graduate students and faculty each year. This series includes both the philosophical underpinnings as to why responsible conduct of research is important for the sanctity of disciplinary and applied knowledge, as well as for preserving the public trust in research. The series covers the “basics” for topics such as the use of human subjects, research misconduct, conflicts of interest, data management, and other areas. While the first half of the series was completed with a seminar in November, there are still 3 more presentations scheduled for Spring Semester. Join us! We expect to offer the program again next year, and are happy to receive your comments and suggestions.

Finally, I am pleased to announce the Andrew Rasmussen Fellowships. MSU Alumnus Andrew Rasmussen created a living legacy through an endowed fund that supports graduate students in their studies. This issue introduces our first two recipients of this Fellowship.

I wish you a safe and happy holiday season!

Karen L. Klomparens
Dean of the Graduate School
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Interdisciplinary Programs: Ecology, Evolutionary Biology, and Behavior

Over eighty faculty and one hundred graduate students have taken up the challenge of participating in MSU’s Ecology, Evolutionary Biology and Behavior Program (EEBB)—delivering on the premise that interdisciplinary education can provide unique opportunities to expand graduate students’ fields of knowledge and areas of research.

Students from thirteen different departments and graduate programs in four colleges are involved in the EEBB concentration. Participating departments include Anthropology, Plant Biology, Plant Pathology, Crop and Soil Science, Entomology, Fisheries and Wildlife, Forestry, Geological Sciences, Horticulture, Microbiology, Philosophy, Psychology, and Zoology. According to EEBB Director Dr. Don Hall, the program’s popularity rests on its mission to provide a sense of “breadth” to students with highly focused training in other fields. He notes, “What we wanted to do was provide students and faculty an interdisciplinary experience where they could bring their specific strengths to bear on a sharing of all these interests which had a common base—EEBB.”

Dr. Don Hall

“We wanted to do was provide students and faculty an interdisciplinary experience where they could bring their specific strengths to bear on a sharing of all these interests which had a common base—EEBB.”

This is a result of the flexibility of the coursework and the cooperation of the participating departments.

The program, instituted fifteen years ago, was the brainchild of Dr. Guy Bush, (Hannah Distinguished Professor, Emeritus), Dr. Don Straney (Professor of Zoology and Assistant to Provost for Faculty Development), and Dr. Don Hall, (Professor of Zoology and current EEBB Program Director). During a discussion about the state of biological sciences, these scientists realized two things: First, they felt that because students received almost all their coursework and experience from their major professor, they could be too parochial in their scientific experience at MSU. Second, they noticed the opportunity to provide more exposure to evolutionary biology, which Dr. Hall names the “queen of the sciences” because of the foundation it provides to all other areas of scientific study. By linking Evolutionary Biology with Ecology—which has for decades been very strong at MSU—and more recently Behavior, three very closely related disciplines asking similar questions but in different ways become interconnected.

The three chosen areas, Ecology, Evolutionary Biology and Behavior, became the focus at the onset of the program because each represents an area that is very strong at MSU, but is disparately represented in the various departments. Each has appeared as a subset of a larger discipline such as zoology and botany or in more applied areas like fisheries and forestry which dealt with mainly ecological subjects. For Dr. Hall, “it’s like cutting the cake two different ways. One way is by taxonomy, which is what most departments traditionally have done. Now we’re saying that rather than throw that all out and start all over again, why not divide the biological sciences at MSU with a different structure that cuts across the layers of the cake and label them depending on their interests, such as neuroscience, genetics and EEBB.”

The advantage of this functional, rather than taxonomic, organizational model is to realign these areas of focus without destroying the old structure. The traditional structure of separate departments in the biological sciences remains intact. In addition, simply by creating a new program like EEBB, the process of interdisciplinary reorganization, which could have taken up to a decade under a more aggressive model of splitting and reconfiguring departments, happens fairly quickly.

In addition to the breadth of knowledge offered by the program, EEBB is on the cutting edge of new directions in the biological sciences. The burgeoning field of molecular biology is providing new insights into the areas of ecology and evolution. According to Dr. Hall, many of the changes going on in the biological sciences right now are being studied at the molecular level. Previously, programs in specific fields like zoology or genetics were going their separate ways and not sharing much information with one another. Now, a more unified study of evolutionary biology, which transcends the old, is emerging.

Pathology, Crop and Soil Science, Entomology, Fisheries and Wildlife, Forestry, Geological Sciences, Horticulture, Microbiology, Philosophy, Psychology, and Zoology. According to EEBB Director Dr. Don Hall, the program’s popularity rests on its mission to provide a sense of “breadth” to students with highly focused training in other fields. He notes, “What we wanted to do was provide students and faculty an interdisciplinary experience where they could bring their specific strengths to bear on a sharing of all these interests which had a common base—EEBB.” Although it is a dual-degree program, EEBB does not require a longer time commitment than disciplines with a single focus. This
Graduate students in EEBB realize this trans-disciplinary approach is the trend of the future and understand the importance of this program for their future careers. Megan Mahoney believes that her dual degree in zoology and EEBB will help her be a stronger candidate when she enters the job market “because I have been exposed to a broad range of ideas and research. Perhaps I will be more diverse, and thus, desirable, than a person from a program that was focused in one area.” Dr. Kay Holekamp, Professor of Zoology, adds: “The EEBB program at MSU is very well regarded in both national and international communities of scientists working in this area. I sat on a National Science Foundation panel where proposals submitted by former EEBB students fared very well in competition with proposals submitted by other behavioral ecologists. EEBB graduates also clearly do very well in a highly competitive job market. For example, the PhD student from my lab who completed her degree most recently, Erin Boydston, walked out the door at MSU in April and stepped directly into her ‘dream job,’ working as a field biologist for the U.S. Geological Survey in San Francisco.”

The success of the EEBB program begins with the close interaction between students and faculty. Faculty frequently collaborate with graduate students in research projects and publications. As doctoral candidate Micaela Szykman points out, “The participating faculty members are a great team of exciting researchers. They are very supportive of the students in the program, they bring friends and colleagues for the weekly seminars, and they agree to teach classes in their field, even when they aren’t required to put in that teaching time.”

At the same time, the faculty see the graduate students as important in shaping not only the EEBB program, but also their own scholarly work. Dr. Richard Lenski, Hannah Professor of Microbiology, finds that the EEBB graduate students are “our strongest resource, bar none.” Dr. Kay Holekamp agrees and adds: “Teaching in the EEBB program keeps me very much on my professional toes! The students are very sharp and ask insightful, often difficult, questions when I lecture to them or interact with them in graduate seminar courses. They are tenacious in pursuit of the knowledge they seek and they force us, the faculty, to stay well abreast of all recent developments in our own areas of scholarly expertise.” This helps make the program very popular with the over 80 faculty members currently participating in EEBB.

Aware of the uniqueness of their position studying these interrelated sciences, EEBB students take an active part in the initiatives designed to support their progress in the program. One initiative, the Graduate Student Colloquium, provides an opportunity for students to process and design events that help them to negotiate the EEBB program. Some of the Colloquium topics have included: how to talk both formally and informally about research, how to negotiate graduate school, and how to prepare for conferences. Students also have the opportunity to practice giving papers and thesis presentations in front of their peers and receive helpful feedback. These weekly meetings evolved through students’ desire to interact with each other without the formality of a faculty-critiqued event. Including structured peer-review, discussion, and social interactions, the Colloquium allows for student-to-student mentoring, helps newer students to “learn the ropes” of the EEBB graduate program, and facilitates student connections to the larger academic community.

Another important opportunity the EEBB graduate program offers is the weekly seminar program. These events feature lectures given by invited guest speakers and are very popular with graduate students. The seminar series is overseen by a committee of faculty and graduate students who make suggestions on topics and distinguished speakers to be invited. The program, formerly held in the MSU Museum, has been so well attended that it has been moved to a larger venue, the Natural Science Building Auditorium. These seminars have included such topics as “Conservation, Population Biology and Physiology of Sea Turtles,” by Dr. Frank Paladino (Department of Biology, Indiana University-Purdue); “What Biologists Need to Know about the Neocreationist Wedge Movement,” by Dr. Robert Pennock (Lyman Briggs School, Michigan State University); and “The Evolution of (Continued on page 13)
MSU Graduate Students Attend Congress of Epidemiology

Graduate students and faculty in the Department of Epidemiology represented Michigan State University at the Congress of Epidemiology in Toronto, Canada, on June 13-16, 2001. A master’s degree candidate, Plamen Dimitrov, won the prestigious award of First Place Student Poster—Session Two for his poster “Balkan Endemic Nephropathy in Vratza, Bulgaria, 1964-1987: An Epidemiologic Analysis of Population-Based Disease Registers.” Five other students—Scott Asavevich, Susan Bohm, Michael Brennan, Nicole Jones, and Sung (Larry) Lee—along with several faculty members and project managers presented papers and research. MSU alumni Allen Stout, now at Ford Motor Company, and Joe Bonner, now at the University of Michigan Medical School Department of Medical Genetics, also participated. In all, 17 people affiliated with MSU took part in the meeting—the University’s largest participation in this conference to date.

With over 1600 people from 33 countries attending, this meeting was one of the largest and most notable gatherings of epidemiologists ever held in North America. The Congress combined five groups working in the field of disease and public health, including the American College of Epidemiology, the American Public Health Association’s Epidemiology Section, The Canadian Society for Epidemiology and Biostatistics, and the Society for Epidemiologic Research. The fifth group, the Society for Pediatric Epidemiologic Research, held an additional meeting before the Congress and featured as its keynote speaker Dr. Nigel Paneth, Chairperson of MSU’s Department of Epidemiology.

Dr. Paneth emphasized the importance of this Congress for the department’s graduate students preparing for careers in the field: “Our students had the chance to see cutting-edge epidemiologic research from around the world and to discuss their own findings with top researchers.” Nicole Jones, whose work focused on methods of measuring stress in pregnant women, added, “The diversity of topics was amazing. Attending this Congress helped to give a different and wider perspective on the important topics and issues in epidemiology than a single program can provide.”

MSU graduate students’ record attendance and success at this Congress stemmed in part from a supportive department invested in its graduate students’ professional development. Susan Bohm, whose research investigated the relationship between maternal concentrations of PCBs and pre-term delivery, rated her department’s involvement “very supportive—both financially and in terms of training preparedness. In January 2000 the department hosted Science in the Field Day, at which students and faculty could present posters on their research. This provided the MSU epidemiology students with an opportunity to practice poster presentation skills on home turf before appearing at national and international conferences.” Karen Klomparens, Dean of the Graduate School, strongly endorses such opportunities for graduate students. “Our own surveys of graduate students, as well as those conducted at the national level, reflect students’ desires and expectations that departments will support professional development and networking as part of graduate education.”

Graduate students presented papers and posters on a variety of topics. Plamen Dimitrov, who received his master’s degree from MSU in May 2001, based his award-winning poster on his master’s thesis (advisor Dr. Wilfried Karmaus). He studied a serious kidney disease, Balkan epidemic nephropathy, common in sections of his home country, Bulgaria. He has already submitted his results to the European Journal of Epidemiology and now plans to continue his interests in environmental epidemiology.

Currently working as a graduate assistant in the department’s asthma surveillance study, Susan Bohm (academic advisor Dr. Mike Collins) displayed a poster entitled “Maternal Concentration of Polychlorinated Biphenyls in Michigan Anglers Increases the Risk of Preterm Delivery” (project advisor Dr. Wilfried Karmaus). Her background includes work in scientific journal publishing with the National Research Council of Canada, and her main area of interest is autoimmune diseases.

Sung (Larry) Lee, MD, a 2001 graduate whose advisor is Dr. Nigel Paneth, presented “Association of Clinical Chorioamnionitis and Cerebral Palsy in Preterm Infants.” He is a practicing obstetrician-gynecologist in Lansing.

In his poster entitled “Lump Discrimination: Can We Be More Specific?” Michael Brennan critiqued the methodology used to assess physicians’
nurses’, and medical students’ specificity of lump detection in the breast. His poster explained how he and other MSU faculty members, including Dr. Henry Barry (Family Practice), Dr. Janet Osuch (Surgery), Dr. Pramod Pathak (Statistics and Epidemiology), and Dr. Dorothy Pathak (Epidemiology and Family Practice), assessed problems in methodology and offered alternatives. Currently working toward his master’s degree (advisor Dr. Wilfried Karmaus), Brennan has just completed a stint as a research assistant for the department’s study of Polish women migrants and breast cancer. He now works in the Office of the Associate Dean for Research in the College of Human Medicine.

Nicole Jones (advisor Dr. Claudia Holzman) co-authored a poster entitled “An At-Home Collection Protocol for Measuring Stress in Pregnant Women” with Dr. Claudia Holzman (Epidemiology), Dr. Adroaldo Zanella (Animal Science), Dr. Randall Fotiu (Computer Laboratory), Dr. Cheryl Leece (Animal Science), and the Prematurity Study Group. Currently a staff member for the Department of Epidemiology, she works on the department’s Pregnancy Outcomes and Community Health Study.

Scott Asakavich (advisor Dr. Joseph Gardiner) is currently attending medical school at the MSU College of Human Medicine. Under the advisement of Dr. Wilfried Karmaus, he presented a poster entitled “Childhood Growth and Exposure to Dichlorodiphenyl Dichloroethene and Polychlorinated Biphenyls.” Asakavich’s work examines the relationship between environmental contaminants and children’s development.

Formerly a program in the College of Human Medicine, epidemiology gained department status in 1997. Approximately 50 graduate students are currently enrolled in the master’s program; the department hopes to offer a PhD program in epidemiology in the near future. The department’s research mission is to conduct cutting-edge epidemiologic investigations of importance to public health, especially the public health of Michigan.” The department enjoys research connections throughout the College of Human Medicine, the College of Osteopathic Medicine, the College of Nursing, and the College of Veterinary Medicine, as well as with outside institutions such as the Michigan Public Health Institute, the Michigan Department of Community Health, the University of Michigan, and Wayne State University. The department holds a strong record of obtaining grants from federal agencies such as NIH, NIMH, NIAA, AHCPR, and the CDC which help support graduate student research. For more information, see the department’s web page at http://www.msu.edu/unit/epi.

The Department of Epidemiology combines the opportunity of researching at a large university with the benefits of working in a smaller department. According to master’s student Michael Brennan, “the department has enough researchers with a variety of interests that allowed me as a student to look into many subjects of human research. At the same time, it is small enough to allow me to perform some of the practicalities of epidemiology alongside the researchers. By exposing me to both theory in the classroom and practical applications through work with professors and on my thesis, the department has given me an excellent education.” Congratulations to all MSU participants in the Congress of Epidemiology!
“I’ve landed the greatest job in the world,” I said to Don Straney, Assistant to the Provost and Head of MSU Faculty Development. He smiled and replied quickly, “No. I have the greatest job in the world.” Professor Straney and I parted amicably (no small feat for me, a former Marine and a Southerner, two qualities that make me capable of turning nearly any situation into something worth fighting over), agreeing that what makes our professional lives so meaningful is that we spend a lot of time talking and working with faculty and graduate students who care deeply about teaching.

This month’s *Graduate Post* theme concerns professional development. The concept has undergone some critical revision here at MSU and nationally, particularly in the last 11 years since the publication of Ernest Boyer’s *Scholarship Reconsidered*, a report that challenged faculty and administrators to consider scholarship in a broader context. Among the many provocative questions he posed, Boyer asked academic professionals in 1990: Why not consider teaching as a scholarship on par with research?

Since World War II, higher education “professional development” traditionally has meant training future faculty to research and publish. Within a professional paradigm that defined job success primarily in terms of what you had discovered and how you had written about it, teaching more often than not became a less important consideration for those seeking academic professional success after 1945.

Yet, Jerry Gaff’s 1975 work, *Toward Faculty Renewal*, marked the beginning of a serious conversation among academic professionals who called for a more equally proportionate professional balance among teaching, research, and university community service. One of the results of that growing discourse was that MSU and other land-grant universities began to pay significantly more attention to improving teaching and increased the pedagogical training of its graduate teaching assistants, most of whom made up the next generation of the nation’s faculty.

In the last decade, MSU’s TA Programs have made tremendous strides in the professional development of our teaching assistants. We have introduced new TAs to university classroom teaching environments, provided on-going workshops on pedagogy, and offered teaching improvement opportunities to graduate students through a variety of other service.

MSU’s recently restructured TA Program represents another step in our continuing efforts to meet the evolving needs of MSU undergraduate students, 92% of whom are Michigan residents. We have increased pedagogical training, begun the development of *departmentally-specific* TA Programs, implemented a Teaching Certification Program, and increased significantly a host of other professional development opportunities for TAs.

My hope is that we do not stop with these improvements. I would like to see us further improve the climate at MSU for teaching development by fostering on-going multi-disciplinary *mentoring relationships* between TAs and faculty teacher-scholars. I would like to see our TAs, many of whom are excellent teachers themselves, take a larger role in the professional development of their peers. I’d like to see departments establish rotating *teaching faculty* positions in which an outstanding faculty teacher-scholar supervises pedagogical training for faculty and graduate students on a yearly basis. All this (and more!) to insure that MSU undergraduates are getting the best education they can and that universities who hire our graduate students as faculty know that they are getting top-notch researchers and teachers.

With less modesty than my mother, a native of Alabama, would like me to practice, I predict that within three years MSU will be among the nation’s leaders in preparing teaching assistants to be both outstanding teachers now and exceptional faculty in the future. We’re very close to that level already as we
GOOD NEWS ABOUT MSU TEACHING!

I interview graduate students to work as small-group facilitators in our International and National TA Orientations. We give our new TAs the opportunity to meet and work in small-group settings with facilitators who have already successfully negotiated those sometimes painful first steps into teaching. For most teaching assistants, the orientations are the first training they receive to be university teachers, so I am very selective when it comes to choosing facilitators. Occasionally during these interviews, someone reminds me of what is right about higher education and why I love this profession.

I recently interviewed a doctoral student from the Math Department. Her first experience teaching math was to undergraduates in an entry-level Algebra course. Her peers recommended that as a new teacher she demand strict obedience from her students and that she maintain a rigid, hierarchical relationship between herself and the class. They recommended she never reveal any academic weakness or under any circumstances ever appear nervous in front of the class. It’s my experience with both faculty and graduate students new to the classroom that most follow just this formula, often with bad results. So, I expected her to describe a class scenario I’ve heard described before many times. To my pleasant surprise, she described approaching her first two weeks of class this way:

1. She clearly stated class goals and expectations, both hers and those she envisioned for her students. She then asked the students if they thought these goals were possible and, if they disagreed, how they might be achieved.
2. She admitted to her students that this was the first time she had taught a class and that she was nervous. She then (miraculously) explained why she was nervous.
3. She asked her students to help her clarify any confusion that might arise from her explanations of concepts.
4. Finally, she shared relevant information about her life. In short, she exclaimed, “I thought being myself would be more effective.”

Beaming enthusiastically, she concluded our conversation by exclaiming, “My students really like me!” Clearly, I understood why. She had convinced her charges to help her teach them. With a little humility, some real concern for her students’ progress, and an accurate understanding of herself as someone teaching for the first time, she had taken what is for most of us, at any level of teaching experience, the most difficult step of all: Making learning a cooperative experience by breaking down some of the traditional classroom barriers. Would you be surprised to know that Ying Li is a Chinese national who arrived in this country only a year ago? Needless to say, I hired her immediately to work this year’s orientation. Her students gain tremendously from her approach. We should all be able to teach this well.

Kevin Johnston can be contacted at kmj@msu.edu

The Graduate School introduced its 2001-2002 Responsible Conduct of Research Workshop Series (http://grad.msu.edu/all/respconduct.htm) saying:

“Colleges and universities are made up of professional scholars (faculty) and aspiring scholars (students and trainees) who coexist in a rich but competitive environment for the common purpose of learning, creating new knowledge, developing new insights through synthesis of existing knowledge and disseminating information and ideas for the benefit of their peers and the general public. Academic excellence comes through recognition by one’s peers. Some new and innovative ideas have the potential for generating widespread professional interest and credit in the area of their scholarship for purely academic reasons. Others have the potential for generating substantial commercial interest and financial gain. Either can be motivation to stretch and even exceed acceptable standards of conduct in how scholarship is conducted. At the same time, differing academic and personal perspectives and interests can lead to interpersonal conflicts that detract from achieving common goals.”

This is just as true for Michigan State University as it is for any other institution of higher education. While there are great differences in academic cultures, standards for graduate education and training, and how research/scholarship is conducted, all disciplines share common core values such as academic freedom for inquiry, objectivity in interpreting research findings, honesty in presenting research findings, and openness in crediting the academic contribution/prior work of others. No amount of good work and good deeds can wash away the taint from even one act violating these core values.

Beginning in the late 1980’s, incidents of alleged and actual violations became public and reported widely, not only within the respective academic communities but also to the general public that to a large extent finances such work. Such incidents generated widespread discussion about the significance and actual extent of “misconduct” largely within the scientific communities. Equally interesting was the resulting intensity and depth of discussion about what actually constitutes “misconduct” and how to define violations of long-standing, academic core values that heretofore were generally accepted but not defined explicitly. Such discussions properly moved to how to minimize and protect against the occurrence of similar future bad acts/conflicts, including how to achieve literacy and commitment for responsible conduct through the graduate experience.

At the same time, universities and their faculties had to respond to parallel initiatives by the federal government to impose policies, guidelines, and regulations of various kinds to “insure the responsible conduct of research.” Knowledge and compliance with such formal requirements are just as important as understanding and implementing the principles for research and scholarship of the respective disciplines. This is especially significant for graduate students that are early in their academic careers and often have limited experience in dealing with such issues.

The Graduate School offers professional development workshops (http://grad.msu.edu/stuwork.htm), including the Responsible Conduct of Research series (http://grad.msu.edu/all/respconduct.htm) in conjunction with The Office of Research Ethics and Standards. This series is intended to provide specific information about the responsibilities of students, faculty and research staff in conducting research, interacting with others both within and outside defined research groups, and complying with policies and regulations of sponsors and the University. It is designed to stimulate local discussions, complement department activities, and reinforce issues raised by The Research Integrity Newsletter (see below) in responding to these needs.

All sessions are held in the Kellogg Center, and parking passes are provided. All sessions are free, but we asked that you register (by phone: 517.353.3231; or by email gradwrsp@msu.edu). Please provide your name, phone number,
email address, and department. The deadline is one week before
the session. Persons with disabilities should contact the Graduate
School to request special arrangements no later than one week
prior to the session date. Requests received after this date will
be met when possible. For added details, please see the Graduate
School’s web page http://grad.msu.edu/all/respconduct.htm.

Another important source of information and educational
guidance is The Research Integrity Newsletter, published semi-
annually (http://grad.msu.edu/integrity.htm) and sponsored for
the past six years by The Graduate School, The Office of Research
Ethics and Standards, and The Center for Ethics and Humanities
in the Life Sciences. Past issues have focused on: Authorship,
Data Control and Management; Preventive Ethics; The Ethical
Environment for Research and Graduate Studies at MSU;
Research Mentoring; Research Involving Human Subjects, Part
I & II; and, Getting Human Subjects Approval at MSU. These
past issues can be found at the web site provided above.

The current issue addresses “Best Practices at Michigan State
University” and highlights both the 1) Authorship and 2) Data
Control & Management guidelines which have been adopted by
the University Research Council. The current newsletter will be
distributed to all faculty and graduate students. It is also available
at the Research Integrity Newsletter web site provided above.

While these information sources are intended largely for
educational rather than regulatory purposes, they are
comprehensive and provide a firm foundation to respond to future
requirements for training in the responsible conduct of research
that will likely be imposed soon by the Public Health Service
(PHS). It is possible that these requirements could be expanded
to all federally-funded research.

In December, 2000, the Public Health Service issued a policy
on Instruction in the Responsible Conduct of Research that was
later suspended for administrative reasons. The proposed policy
would have required that

“...research staff (as defined below) at extramural
institutions shall complete a basic program of instruction
in the responsible conduct of research, as set forth in this
document. Research staff who are working on the PHS-
supported project at entities other than the institution
that received the PHS research grant, cooperative
agreement, or contract, are also covered by the policy.
The institution may make reasonable determinations as
to which research staff fall within the policy. The policy
pertains to all research, including animal, human, and
basic research, or research training, conducted with grant,
contract, or cooperative agreement support from any
agency, or office, of the PHS.”

The question is not “if” students will be faced with issues
concerning the responsible conduct of research, the question is
“when.” The ability to make reasoned judgments and wise
decisions depends on a complete knowledge base and a
comprehensive understanding of the issues for not only
disciplinary questions but also the principles for responsible
conduct.

1For a complete text of this policy please go to:

The 2001-2002 Responsible Conduct of Research Series

■ The Graduate Experience: Responsibilities of Students and Their Mentors
  Thursday, September 20, 2001

■ Special Lecture: Should Scientists be Responsible for Impacts of Modern Technologies?
  Stephen Palumbi of Harvard University,
  Tuesday, October 16, 2001

■ The Ethical Challenges of Contemporary Academic Research: Whose Rights? Whose Responsibilities?
  Whose Common Good?
  Wednesday, October 17, 2001

■ Responsibility for Integrity: Data Collection and Stewardship, Scientific Misconduct, Whistle-blowing
  Wednesday, November 7, 2001

■ Responsibility to the Institution: Safety in the Workplace and Stewardship of Intellectual Property
  Tuesday, January 22, 2002

■ Responsibility to the Subjects of Research: Humans and Animals
  Thursday, February 7, 2002

■ Responsibility for Objectivity: Conflicts of Interest
  Tuesday, February 26, 2002
Two Michigan State University master’s students, Jeremy Herliczek from Journalism and Jake McKinley from Industrial Microbiology, recently became the first recipients of the Andrew Rasmussen Fellowship. Each year, two candidates receive the fellowship to support advanced graduate work.

This fellowship results from the generosity of Michigan State University alumnus Andrew Rasmussen, who created a “living legacy” to support graduate studies through an endowed fund. In 1951 Mr. Rasmussen earned a bachelor’s degree from the School of Journalism, which became part of the College of Communication Arts and Sciences in 1955. His wishes for the endowed fund were to broadly support students interested in graduate study in any field. This year, to reflect Mr. Rasmussen’s academic background, the Graduate School collaborated with the School of Journalism in the College of Communication Arts and Sciences to select Jeremy Herliczek. To reflect Rasmussen’s general support of graduate education, the Graduate School partnered with the College of Natural Science to choose Jake McKinley.

Jeremy Herliczek earned his bachelor’s degree in M.S.U.’s renowned Journalism School in 1996. As an undergraduate, Jeremy won the Circumnavigators Club Foundation Around-the-World Grant. This grant allowed Jeremy to travel to seven countries—Thailand, Nepal, Malaysia, Mauritius, Kenya, England, and Ecuador—to study the environmental, cultural, and economic effects of nature-based tourism. In addition to shooting 120 rolls of film, he interviewed more than 60 government officials, park managers, and indigenous people. His project was published in The Amicus Journal, the publication of the Natural Resources Defense Council. The Rasmussen Fellowship will allow Jeremy to continue his work in the master’s program and will afford him the opportunity to attend photographic conferences and workshops. He is currently working with Associate Professor Darcy Drew Greene, focusing on photography, multimedia production, and immigration issues.

With such a background, according to Dr. Steve Lacy, the Director of the School of Journalism, Jeremy was “an excellent first recipient of the Rasmussen Scholarship. He is currently teaching photojournalism and has taken a leadership role in revitalizing our photography courses. With the help of Darcy Green and David Olds, the photography advisor of The State News, Jeremy is instrumental in integrating computer technology with photography. In the future, we expect the Rasmussen Fellowship to help us recruit equally outstanding graduate students.”

The other fellowship recipient, Jake McKinley, is a master’s student in Industrial Microbiology in the College of Natural Science. This graduate program is innovative in that it requires an industrial internship as well as a certificate in business and communication skills. In 2001 Jake graduated from the University of British Columbia where his lab supervisor, Michigan State University alumnus Dr. Bill Mohen, urged Jake to consider MSU’s microbiology program. Jake stated, “I was impressed by the size of the Microbiology Department and the diversity of the research. I could imagine it being a highly productive environment with several researchers working on closely related topics. It was easy to make a long list of professors that I might want to work for.”

Upon applying, Jake discovered the newly formed Professional Master’s Program in Industrial Microbiology, and decided that the addition of business training and internship opportunities to his studies in microbiology could take him in his chosen professional direction. The costs of studying in the United States presented a difficulty, however. “Although I was definitely interested in the program, funding was the crucial factor in allowing me to accept an offer of admission. Without the Rasmussen Fellowship and a graduate assistantship, I wouldn’t have been able to come to Michigan State University.”

Dr. John Merrill, coordinator of the master’s program in Industrial Microbiology, indicated that the program’s success depends upon top-notch students like Jake McKinley. “Our program will only be successful if the graduates we place in industry are of very high quality and capability. Jake McKinley was selected for the fellowship because we feel that he is exactly the type of student who will bring recognition to the program. We hope that his success, and that of his colleagues in the program, will ultimately result in a sustained pool of excellent applicants, as well as growing interaction with, and support from, our industrial partners.”

Graduate School Dean Karen Klompersen is pleased to offer the first of the Rasmussen Fellowship awards, noting that “the Graduate School is excited to partner with MSU graduate programs to offer assistance to qualified fellowship candidates. The Rasmussen Fellowship is an endowed fund, with the interest available for annual awards. Mr. Rasmussen truly created a living legacy for future generations.”
Agriculture in Ants,” by Dr. Ulrich Mueller (University of Texas-Austin). Doctoral student Megan Mahoney (advisor Dr. Laura Smale) explains, “Weekly seminars are one of the backbones of the program. These seminars bring speakers from throughout the broad fields represented by EEBB. Thus, plant ecologists learn about insects, and behaviorists can be exposed to evolution in bacteria. It helps us remain well-rounded and exposed to many topics.” This interactive learning is at the heart of the EEBB approach to interdisciplinary education.

Graduate students in EEBB have also initiated off-campus gatherings to deepen their familiarity with the opportunities offered by the program. For example, during the last academic year, Megan Mahoney, while president of the EEBB graduate student association, helped to institute an annual visit to the Kellogg Biological Station. The event allowed graduate students to explore the research done at KBS as well as to form connections with the people working there.

Traditionally, the link between a focus and a broad approach to study has been an area of contention. Does one lose specialized expertise in the process of becoming interdisciplinary? According to Dr. Hall, a symbiotic relationship exists between integrated and specialized approaches to study. He comments that “you need the disciplinary strength to become interdisciplinary.” For this reason, EEBB students are encouraged to enter the program while completing a concentration in a specific discipline. Therefore, the program becomes a step toward a more broad-based study—a natural progression of their work. Building on the depth of a student’s discipline, the breadth of a program like EEBB gives further relevance to their area of knowledge. Students begin to see the overarching themes of their specialization, and this translates into a new vision of the connection between their concentrations and the whole area of biological science. For EEBB students, this approach provides them with a more varied background in the field and makes them very competitive in the marketplace. Consequently, the flexibility of the program allows students to discover new ways of approaching knowledge—interdisciplinary studies’ greatest promise.

PhD candidate Micaela Szykman spent three years at a game reserve in Kenya to study the behavior and clan structure of free-living spotted hyenas. Here, she points out some of the photos she took as part of her research.
TRAVEL GRANTS RECOGNITION

This regular feature highlights the graduate and professional students who have presented their research at state, regional, national and international disciplinary and professional society meetings during the Spring 2001 semester. The list includes only those students who received funds from the Graduate School.* There are certainly many other students who have traveled the globe to present their research.

Attending, and especially presenting, at disciplinary and professional conferences is an important part of professional development for graduate students. It is a key component in the development of a professional network that can provide contacts for collaborative research, future jobs and internships, and funding. And of course, it is a rigorous venue to try out ideas, present data and analysis, and gather helpful input for continuing research.

The Graduate School is proud to highlight the achievements of these students. As they gain professionally and personally from these experiences, they also represent MSU to the wider community of scholars in the state, region, nation, and the world. The following students are listed by college, department, destination and paper presentation and/or meeting attended. We congratulate these students on their accomplishments!

COLLEGE OF AGRICULTURE AND NATURAL RESOURCES

Ostos, Ray A. Agricultural & Extension Education
New Orleans: The Association for International Agricultural and Extension Education – History and Trends: Is the Past a Prelude to the Future?
The Association for International Agricultural and Extension Education Conference

Neven, David Agricultural Economics
Australia: A Diamond for the Poor? Assessing Porter’s Diamond Model for the Analysis of Agro-Food Clusters in the Developing Countries
International Food and Agribusiness Management Association

Omura, Alison Agricultural Engineering
New Orleans: Attended Meeting for the Institute of Food Technologists

Moons, Christel Animal Science
California: Effect of Short-term Separations on Weaning Stress
International Society for Applied Ethology

Tooker, Brian Animal Science
Uppsala, Sweden: Differential Gene Expression in Bovine Macrophage Cells During Phagocytosis of Mycobacterium Paratuberculosis
6th Annual International Veterinary Immunology Symposium

Russell, Aaron Fisheries and Wildlife
Malawi: Seeking Sustainability: Returning to Stakeholder Involvement in Fisheries Management
The Lake Malawi Fisheries Management Symposium

Chung, Yongjoo Food Science and Human Nutrition
San Francisco: Upregulation of Macrophage Inflammatory Protein-2 and Complement 3a Receptor by Trichothecenes
21st Society of Toxicology Annual Meeting

*Limited, one-time only funding is available from The Graduate School for travel to present research. Departments and colleges are expected to cost-share. Find out more on our website: www.grad.msu.edu/funding.htm or call (517) 355-0301, or visit 118 Linton Hall.
COLLEGE OF AGRICULTURE AND NATURAL RESOURCES (continued)

Lee, Li-Wei
Food Science and Human Nutrition
Orlando: Position-dependent Regulation of the nor-I Promoter in the Aflatoxin Gene Cluster
101st General Meeting of the American Society for Microbiology

Ross, Carolyn
Food Science and Human Nutrition
Minnesota: Solid-Phase Microextraction for the Measurement of Hexanal In Chicken Myofibrils
American Oil Chemists Society Annual Meeting

Uzarski, Rebecca
Food Science and Human Nutrition
San Francisco: Upregulation of Mitogen Activated Protein Kinases (mapks) and Caspase-3 by Vomitoxin (deoxynivalenol) in Jurkat T Cells
40th Annual Society of Toxicology Meeting

Kim, Young-Rae
Park, Recreation and Tourism Resources
Florida: Destination Image: A Review and Synthesis
32nd Annual Conference of the Travel and Tourism Research Association

Rozdilsky, Jack
Resource Development
New Zealand: Post-disaster New Cities for Montserrat: What Happens When Cities are Catastrophically Destroyed During Volcanic Events
Cities on Volcanoes Conference 2

COLLEGE OF BUSINESS

Farrell, Anne
Accounting
Georgia: Effects of Accounting Performance Measures on Individual and Team Learning and Judgment Performance
American Accounting Association

Kang, Kiwon
Economics
4th Annual Conference on Global Economic Analysis

Lui, Zhehui
Economics
North Carolina: Analyzing Health Care Utilization with Regression Models
International Biometric Society

Sepulveda, Facundo
Economics
Atlanta: Green Taxes and Double Dividends in a Dynamic Economy
Midwest Economic Association Conference

Devers, Cynthia E.
Management
Washington DC: CEO Stock Option Wealth Effects on Firm Risk and Risk Taking
Annual Meeting of the Academy of Management

Garcia, Rosanna
Marketing and Supply Chain Management
Wiesbaden, Germany: Clustering Analysis—A Multi-National Comparison
Marketing Science International Conference
## TRAVEL GRANTS RECOGNITION

### COLLEGE OF ARTS AND LETTERS

**Lin, Yiran**  
Art  
China: *Conducting an Art Symposium and Exhibiting Artwork*  
“Exploring the Hybrid Imagination” Exhibition

**Liu, April**  
Art  
China: *Conducting an Art Symposium and Exhibiting Artwork*  
“Exploring the Hybrid Imagination” Exhibition

**Bakir, Nesrin**  
English  
Missouri: *Evaluating Beginner Readers and Writers Through Classics*  
TESOL Convention

**Bowman, Matthew**  
English  
University of California: *Yo Quiero Taco Bell: The Fascination with the Exotic Latino in the U.S.*  
(Dis)Junctions

**Palmer, Joy**  
English  
New York: *Forensic Technologies and the Tracing of Identities*  
2001 Joint International Conference of the Association for Computers and the Humanities and the Association for Literary and Linguistic Computing

**Rosinski, Paula**  
English  
New York: *Erasing the Subject in Computer Composition: Towards a Theory of Situated Authorship*  
2001 Joint International Conference of the Association for Computers and the Humanities and the Association for Literary and Linguistic Computing

**Babou, Cheikh A.**  
History  
Paris: *Brotherhood Solidarity, Education and Migration: The Role of the Dahiras Among the Murid Community of New York*  
Internationalization du Religieux: Reseaux et Politics de L’Islam Ouest-Africain

**Carignan, Michael**  
History  
Boston: *Historical Fiction and George Eliot’s Contribution to Nineteenth-Century Historiography*  
American History Association

**Liou, Yu-fen**  
Linguistics & Germanic, Slavic, Asian & African Languages  
California: *WH-in-situ and Across the Board Movement*  
International Association of Chinese Linguistics and the North American Conference on Chinese Linguistics

**Ma, Chunhua**  
Linguistics & Germanic, Slavic, Asian & African Languages  
Washington, DC: *On Japanese ne, Chinese ba, and Korean ci*  
GURT 2001

**Miyazaki, Sachie**  
Linguistics & Germanic, Slavic, Asian & African Languages  
Japan: *The Role of Nods as Reactive Tokens in Japanese Conversation*  
Annual Conference of the Society for Teaching Japanese as a Foreign Language

**Herrema, Ronald**  
Music  
Louisiana: *Delicate Outbursts*  
SEAMUS 2001 National Conference
COLLEGE OF ARTS AND LETTERS (continued)

Miralis, Yiannis
Music
New Zealand: *Greek Folk Dances in the Classroom*
International Society for Music Education

Tirk, Richard
Music
South Carolina: *Attending Band Festival*
University of South Carolina Band Festival

Balla-Omgba, Bonaventure
Romance & Classical Languages
Ann Arbor: *Les Synesthesies dans Les Fleurs du Mal de Baudelaire*
Tenth Annual Charles Fraker Conference on Romance Languages and Literatures

Holan, Alyssa
Romance & Classical Languages
Illinois: *Transgressing Gender Boundaries: Love and Sexual Desire in the Poetry of Ana Rosetti*
Second Annual Graduate Symposium on Women’s Gender History

“Attending the conference gave me the opportunity to see how other music educators from other countries address world and multicultural music in education. It was very interesting to see how music educators from New Zealand incorporate the Maori music and culture in their teaching.”

Yannis Miralis, School of Music
College of Arts and Letters

Nappo, Daniel
Romance & Classical Languages
Mexico: *Hojas Secas Arrebatadas por el Vendaval: La Fase Revolucionareia de Mariano Azeula, 1911-1918*
Jomadas Metropolitanas de Estudios Culturales VIII

Serrano, Damaris E.
Romance & Classical Languages
Florida: *The Emotions in Literature and Film*
26th Annual Conference on Literature and Film

Serrano, Damaris
Romance & Classical Languages
Illinois: *Consuelo Tomas' Fourth Eden: The Liberation of the Erotic Discourse in Contemporary Panamanian Poetry*
Second Annual Graduate Symposium on Women’s Gender History

COLLEGE OF COMMUNICATIONS ARTS AND SCIENCES

Hoobler, Gregory
Communication
France: *Plotting the Continued Course of Israeli-Palestinian Negotiations from Oslo (1993) to Oslo II (1995)*
International Association of Conflict Management

Lee, Byoungkwan
Communication
New York: *The Commodification Process of Extreme Sports: The Diffusion of the X-Games by ESPN*
The 13th Annual Northeastern Recreation Research (NERR) Symposium

Inoue, Yasuhiro
Journalism
Washington, DC: *Factors Affecting Exposure to Cyber Election Campaign: Presidential Election 2000*
International Communication Association 2001
COLLEGE OF HUMAN ECOLOGY

Lekskul, Kunlakarn
Family & Child Ecology
Minnesota: Individual Differences in the Academic Motivation of Children Born to Low-Income Adolescent Mothers
Society for Research in Child Development Biennial Meeting

Oh, Su
Family & Child Ecology
Minnesota: The Antecedents of Individual Differences in Academic Motivation in First Grade Among Children Born to Low-Income Mothers
Society for Research in Child Development Biennial Meeting

Kang, Soo-Young
Food Science & Human Nutrition
Florida: Tart Cherry Anthocyanins Suppress Growth of Human Colon Cancer Cell Lines HT 29 and HCT 116
Experimental Biology 2001 meeting

Choo, Ho Jung
Human Environment & Design
Netherlands: Predicting New Food Product Purchase Behavior in the Indian Consumer
European Association of Education and Research in Commercial Distribution

Lee, So Jung
Human Environment & Design
Netherlands: Measuring the Perception of Market Orientation in Retail Industry: The Comparison of US, Poland, and Russia
European Association of Education and Research in Commercial Distribution

Lee, Young-A
Human Environment & Design
South Korea: Using the Human Ecological Perspective to Teach Integration of Knowledge in Apparel and Textiles: A South Korean Case Study in Sustainable Development
Korean Society of Clothing and Textiles/International Textile and Apparel Association Joint Work Conference

Yi, Eun-Kyung
Human Environment & Design
Alabama: E-Shopping Motivation Based on Consumer Perceived Risk with Online Shopping
American Collegiate Retailing Association’s 2001 Spring Conference

COLLEGE OF HUMAN MEDICINE

Polverejan, Elena
Epidemiology
North Carolina: Estimating Medical Costs in Longitudinal Studies
ENAR Conference

COLLEGE OF NATURAL SCIENCE

Fielden, Mark
Biochemistry
Australia: Reproductive and Genomic Effects of Gestational and Lactational Exposure to Diethylstilbestrol in Male Mice
9th International Congress of Toxicology

Perrin, Robyn
Botany & Plant Pathology
Providence, RI: Xyloglucan Fucosyltransferase, a Plant Cell Wall Biosynthetic Enzyme
2001 Annual Meeting of the American Society of Plant Biologists

Cormarkovic-Dragovic, Jasminka
Chemistry
Chicago: Charge-derivatization of Peptides for Analysis by MALDI-PSD MS—Some Charged Groups are Better than Others
49th Annual American Society for Mass Spectrometry Conference

Grimm, Donna
Chemistry
Chicago: Molecular Level Analysis of Water Color Paints Using Laser Desorption/Ionization Mass Spectrometry
49th Annual American Society for Mass Spectrometry Conference
TRAVEL GRANTS RECOGNITION

COLLEGE OF NATURAL SCIENCE (continued)

Kim, Jong-Bum  Chemistry
San Diego: *Synthesis of Poly (2-hydroxyethyl methacrylate)-Block-Polyactide on Gold by Dual Living Polymerization*  
American Chemical Society Meeting

Liu, Tianqi  Chemistry
San Diego: *Synthesis of Poly(lactide)/(methyl methacrylate) Block Copolymers by a Combination of Ring-Opening and Atom Transfer Radical Polymerization*  
Spring American Chemical Society Meeting

Marincean, Simona  Chemistry
San Diego: *Protein Transfer Through Intermolecular H.H. Bonding Upon Reaction Of Protein Donors with Aluminum Hydride*  
National American Chemical Society Meeting

Simon, Eric  Chemistry
Chicago: *The Determination of S-Adenosylmethionline and S-Adenosyhomocysteine in Plant Tissue*  
American Society of Mass Spectrometry ASMS

Gedeon, Michelle  Geological Sciences
New Mexico: *The Simultaneous Determination of Dissolved Organic Nitrogen Concentrations and Stable Isotopic Values in the Subtropical North Pacific*  
American Society of Limnology and Oceanography

Roudenki, Svetlana  Mathematics
Sweden: *Matrix Weighted Besov Spaces*  
Second Goteborg Conference in Harmonic Analysis and Partial Differential Equations

Tarcha, Eric  Medical Technology Program
Florida: *Phylogenetic Analysis of the ITS1, 5.8S, and ITS2rDNA Sequences of Lacazia Iboi Confirms the Placement of this Unique Pathogen within the Onygenales*  
American Society for Microbiology’s 101st Meeting

Shea, Robin J.  Microbiology
Florida: *An Actinobacillus Pleuropneumoniae in Vivo Indiced Gene That Has Homology to ohr*  
American Society for Microbiology Meeting

Cerovski, Viktor  Physics and Astronomy
Seattle: *Bond-Disordered Anderson Model on a 2D Square Lattice: Chiral Symmetry and Restoration of One-Parameter Scaling*  
2001 Meeting of the American Physical Society

Larson, Paul  Physics and Astronomy
Seattle: *Prediction of Semiconducting and Metallic Behavior in AgBiSe2 Due to Structural Change*  

“Meeting my copanelists and their friends and colleagues who write books and articles that have shaped and inspired my research, and having them listen to and comment on my work was exhilarating.”

Michael Carignan, Department of History  
College of Arts and Letters
TRAVEL GRANTS RECOGNITION

American Physical Society

COLLEGE OF NATURAL SCIENCE (continued)
Mulhall, Declan  
Physics and Astronomy
Poland: *Spin Ordering of Nuclear Spectra from Random Interactions*
International Research Conference and the NATO Advanced Research Workshop on Nuclear Physics (High Spin Physics 2001)

Goldstein, Samuel  
Zoology
Georgia: *Effects of Roundup Ready Soybeans on the Life Cycle of Folsomia Candida (Collembola)*
Soil Ecology Society Conference

Steiner, Christopher  
Zoology
Madison, Wisconsin: *The Determinants of Daphnia Dominance in Fishless Ponds: Assessing Temporal and Spatial Variation in Competitor and Predator Effects*
Annual Meeting of the Ecological Society of America

COLLEGE OF OSTEOPATHIC MEDICINE
Mancini, Jayme  
Neuroscience
Istanbul: *A Comparison of Brain, Liver, and Blubber Organochlorine Contamination Levels Correlated with Age in Cistophora Cristata from Husavik, Iceland 1999*
17th International Medical Sciences Student Congress

COLLEGE OF SOCIAL SCIENCE
Lackey, Wendy L.  
Anthropology
Seattle: *Distinguishing Between Human and Canine Bone Using Haversian System Size and Haversian Canal Diameter*
2001 American Academy of Forensic Sciences 53rd Annual Meeting

Cancino, Jeffery M.  
Criminal Justice
Washington D.C.: *Es La Cultural: The Mediating Effect of the Hispanic Culture*
38th Annual Meeting of the Academy of Criminal Justice Science

Chandek, Meghan  
Criminal Justice
38th Annual Meeting of the Academy of Criminal Justice Science

Stevens, Michelle  
Criminal Justice
Kentucky: *Interventions in a Self-Contained EBD School: The Outcomes of a Strengths-Based Perspective*
Governor’s Conference on Juvenile Justice

Dowd, Cathryn M.  
Geography
New York: *Historic and Pre-Historic Channel Patterns of the Muskegon River, Michigan*
Association of American Geographers Annual Meeting

Shin, Eunjong  
Labor & Industrial Relations
Norway: *The Korean Industrial Relations System: From Post-Independence to Post-IMF*
European Conference of International Industrial Relations

Dobski, Bernard  
Political Science
Portsmouth, NH: *Speech and Deed in Book I of Thucydides’ History: Implications for Deliberative Democracy*
New England Political Science Association Conference

Dorhoi, Monica  
Political Science
Portsmouth, NH: *Can Corruption Really Be Assessed?*
Conference on Progress and Challenges in Democratization and Economic Liberalization

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COLLEGE OF SOCIAL SCIENCE (continued)

Lee, Junhan
Political Science
Chicago: Modes of Democratic Transition in Asia
Midwest Political Science Association Annual Meeting

Randazzo, Kirk A.
Political Science
Romania: Judicial Institutions and the Evolution of Independent Courts in New Democracies
Conference on Progress and Challenges in Democratization and Economic Liberalization

Bell, Bradford S.
Psychology
San Diego: Creating the Balanced Learner: Interactive Effects of Goals and Goal Orientation on Multiple Training Outcomes
Society for Industrial and Organizational Psychology

Blaskey, Lisa
Psychology
Canada: Competing Neuropsychological Models in child ADHS Subtypes: Evidence for Distinct Deficit Patterns
International Society for Research in Child and Adolescent Psychopathology

Cantillon, Daniel M.
Psychology
California: Impact of the Neighborhood Microsystem on Self-Reported and Officially Recorded Delinquency: A Block by Block Analysis of Sense of Community
2000 American Society of Criminology Conference

Carr, Jennifer
Psychology
San Diego: An Integrative Review of Climate Research: Where Have We Been, Where Do We Need to Go?
The Society for Industrial and Organizational Psychology’s Annual Conference

Chambers, Brad
Psychology
San Diego: Using Item Response Theory to Investigate Hypothesized Differential Item Functioning on the Basis of Uncertainty Avoidance; and Can I Do It and Do I Care? Examining the Antecedents to State Goal Orientations
Society of Industrial and Organizational Psychologists

Chin, Peggy P.
Psychology
Chicago: The Role of Weight on Impression Formation
Midwestern Psychological Association Conference

Davidson, Doug
Psychology
Philadelphia: Intonational Focus in Denials
City University of New York Sentence Processing Conference

Dobbins, Heather W.
Psychology
San Diego: A Model of State and Trait Goal Orientation in Achievement Contexts
Society for Industrial and Organizational Psychology Conference

Ellis, Aleksander
Psychology
San Diego: Impression Management Tactics in Structured Interviews: A Function of Question Type
16th Annual Conference for the Society for Industrial and Organizational Psychology

Gillespie, Michael
Psychology
San Diego: An Examination of the Interactions Among Subordinate Locus Control, Task Structure, and Leadership Style in Accordance with the Path-Goal Theory of Leadership
The Society for Industrial and Organizational Psychology’s Annual Conference
TRAVEL GRANTS RECOGNITION

COLLEGE OF SOCIAL SCIENCE (continued)
Horvath, Michael Psychology
San Diego: Goal Orientation: Integrating Theory and Measurement; and Longitudinal Relationships Among Goal Orientation, Goal-Setting, and Self-Efficacy; and Using Uncertainty Avoidance to Predict Differential Item Functioning
The Society for Industrial and Organizational Psychology’s Annual Conference

Huth-Bocks, Alissa Psychology
Minneapolis: Mother-Infant Attachment: The Impact of Maternal Representations During Pregnancy, Self Efficacy, and Social Support
Society for Research in Child Development

Mayzer, Roni Psychology
Canada: Childhood Indicators and Early Onset of Alcohol Use
Research Society on Alcoholism

Milner, Karen Psychology
San Diego: Impression Consequences of Seeking Job Performance Feedback; and Effects of Information Seeking on Performance Ratings
The Society for Industrial and Organizational Psychology’s Annual Conference

Nguyen, Dung-Hanh Psychology
San Diego: Napping in the Workplace and the Stigma of Incompetence
The Society for Industrial and Organizational Psychology’s Annual Conference

Randall, Katie Weaver Psychology
Georgia: Understanding Schizophrenia in a Mutual-Help Setting

Scheu, Christine Psychology
San Diego: Achieving Recruiting Goals: Applying What We Know about Person-Organization Fit across a Range of Organizational Image
The Society for Industrial and Organizational Psychology’s Annual Conference

Schmidt, Aaron Psychology
San Diego: Promoting Active Learning through Metacognitive Instruction
The Society for Industrial and Organizational Psychology’s Annual Conference

Wiechmann, Darin Psychology
San Diego: Values and Expectations: Examining the Legitimacy of Justice
The Society for Industrial and Organizational Psychology’s Annual Conference

Wolf, Angela Psychology
2000 American Society of Criminology Conference

Yamaguchi, Tomiko Sociology
Minneapolis: Social Impacts to Social Processes: Understanding Agriculture Food Biotechnology in India
Annual Meetings of the Agricultural, Food, and Human Values Societies

COLLEGE OF EDUCATION
Wu, Xiuwen Counseling, Educational Psychology & Special Education
Seattle: Involving All Kids: Literacy Apprenticeship Through Social Discourses in a First-Grade Classroom
TRAVEL GRANTS RECOGNITION

COLLEGE OF EDUCATION

American Educational Research Association Conference

Eddy, Pamela
Educational Administration
Seattle: Chairing Meeting
American Educational Research Association Annual Meeting

“Presenting your academic research is vital in today’s competitive job market. It can be nerve-wracking to present your research to an audience other than your committee, but I’ve found it to be a very positive experience to know that people outside your department are engaged in what you have to say.”
Joy Palmer, Department of English
College of Arts and Letters

Kritskaya, Olga
Educational Administration
Finland: The Role of Visual Expression in the Genesis of Epistemological Interpretations
World Conference on Educational Multimedia, Hypermedia & Telecommunications

Beilock, Sian
Kinesiology
Greece: Skilled Performance and Expertise-Induced Amnesia
10th World Congress of Sport Psychology

Craft, Lynette
Kinesiology
Baltimore: Comparing Symptoms of Depression in College Freshman Athletes and Non-Athletes
American College of Sports Medicine National Convention

O’Mahony, Carolyn
Teacher Education
Seattle: Conducting Research in the Schools: New Challenges
Association of Educational Researchers’ Conference

COLLEGE OF ENGINEERING

Kim, Hae Kyung
Civil and Environmental Engineering
San Diego: Effects of Several Electron Donors on Dehalogenation in Anaerobic Soil Microcosms
In Situ and On-Site Bioremediation

Ghavamzadeh, Mohammad
Computer Science
Williams Town: Continuous-Time Hierarchical Reinforcement Learning
18th International Conference on Machine Learning (ICML-2001)

Lee, Kukjin
Computer Science
Toronto: A Component-Based Framework for Uniform Resource Visualization
23rd International Conference on Software Engineering (ICSE-2001)

Theocharous, Georgios
Computer Science
Korea: Learning Hierarchical Partially Observable Markov Decision Processes for Robot Navigation
International Conference on Robotics and Automation

Zhang, Yilu
Computer Science
Canada: Developing Auditory Skills by the SAIL Robot
2001 IEEE International Symposium on Computational Intelligence in Robotics and Automation

Elhajj, Imad
Electrical and Computer Engineering
Seoul, Korea: Modeling and Control of Internet Based Cooperative Teleoperation
International Conference on Robotics and Automation
COLLEGE OF ENGINEERING  (continued)
Lee, Jeong-Seog  Electrical and Computer Engineering
Boston:  Steepest Descents Evaluation of Asymmetric Planar Dielectric Waveguide Field
IEEE International Symposium on Antennas and Propagation and USNC/URSI National Radio Science Meeting
Sheng, Weihua  Electrical and Computer Engineering
Seoul, Korea:  Graph-based Surface Merging in CAD-guided Dimensional Inspection of Automotive Parts
International Conference on Robotics and Animation 2001
Tan, Jindong  Electrical and Computer Engineering
Seoul, Korea:  Unified Model Approach for Planning and Control of Mobile Manipulators
IEEE International Conference on Robotics and Automation
Choi, Sunglak  Materials Science and Mechanics
New Orleans:  Creep Properties of Eutectic Sn-Ag Solder and Sn-Ag Composite Solders Containing Intermetallic Particles
2001 The Minerals, Metals, and Materials Society Annual Meeting
Guo, Fu  Materials Science and Mechanics
New Orleans:  Studies of Eutectic Sn-Ag Solders Reinforced with Mechanically Incorporated Ni Particles
2001 The Minerals, Metals, and Materials Society Annual Meeting
Krueger, Jill Ann  Materials Science and Mechanics
San Francisco:  The Effects of Pretreatment with Glucosamine on Mechanically Traumatized Cartilage Explants
47th Annual Meeting of the Orthopedic Research Society

TRAVEL GRANTS RECOGNITION

MISSION OF THE GRADUATE SCHOOL
To serve as an advocate for graduate education to the University and beyond and to enhance the quality of graduate education at MSU in all its diverse dimensions

The Graduate Post
Michigan State University
118 Linton Hall
East Lansing, MI  48824-1044