

MARYLAND AGAIN WINS NATIONAL ENVIRONMENTAL LAW ESSAY CONTEST



Contest Winner Candace Howard

For the second consecutive year, a Maryland law student has won first place in the Roscoe Hogan Environmental Law Essay Contest. This year Maryland law student Candace Howard (Class of 2006) was named the winner of this prestigious national competition. The topic of the 2005 competition was the role of punitive damages in environmental protection. Candace's essay, "A New Kind of Outrageous Misconduct: Efforts to Undermine Law's Ability to Deter and Punish Intentional and Outrageous Corporate Behavior" argued that punitive damages are a rare, but important, vehicle for deterring the most deliberate and egregious environmental misconduct. It criticized legislative efforts to abolish or restrict punitive damages awards in environmental cases.

Candace was awarded a \$5,000 cash prize from the Roscoe Pound Foundation, sponsor of the national competition, and an expense-paid trip to Toronto, Canada where she was presented with her award. At the award ceremony, she had the pleasure of meeting Ben Hogan, son of the late Roscoe Hogan, for whom the contest is named. Candace's essay will be published in the *Vermont Journal of Environmental Law*.

Last year another Maryland law student, Sarah Brull (Class of 2005), won the 2004 competition with her essay proposing new measures to protect wilderness areas. Like Sarah, Candace expressed her appreciation to Professor Robert Percival for supervising her work on the essay.

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Contributors to this newsletter include faculty, alumni, students, and friends of the Environmental Law Program.

CLINIC PURSUES AMBITIOUS AGENDA



Professor Kerry Rodgers (far right) with environmental clinic students.

Under the leadership of former EPA attorney Kerry Rodgers, the Environmental Law Clinic is working on a broad array of matters. When the clinic meets for the first time on August 23, the U.S. Environmental Protection Agency (EPA) will file a brief in U.S. District Court in Baltimore defending a series of EPA actions that have enabled Maryland to delay improving water quality in hundreds of polluted water bodies. EPA is on the defensive because the Clinic sued the Agency on behalf of four groups – Plaintiffs Potomac Riverkeeper, Inc., Assateague Coastal Trust, Inc., Chester River Association, and South River Federation, Inc. – in December 2004 to improve the pace and effectiveness of Maryland’s program to develop pollution limits known as Total Maximum Daily Loads (TMDLs) for polluted water bodies that are no longer suitable for their “designated uses” such as drinking or swimming.

The suit, brought under the federal Administrative Procedure Act, asserts that EPA has failed to comply with its mandatory duties to oversee Maryland’s timely development of TMDLs because EPA has approved a series of Maryland’s lists, plans and agreements relating to TMDLs even though they have not complied with applicable statutory deadlines and Maryland’s progress is not on pace to meet future commitments. For instance, at its current pace, Maryland will not complete TMDLs for more than 600 polluted water bodies identified since 1996 until 2038 or later. The suit asks EPA to assume responsibility for developing TMDLs in Maryland.

EPA likely will argue that its approvals of Maryland’s TMDL-related submissions are not final agency actions subject to review but that even if they are considered final, EPA’s approvals are reasonable because

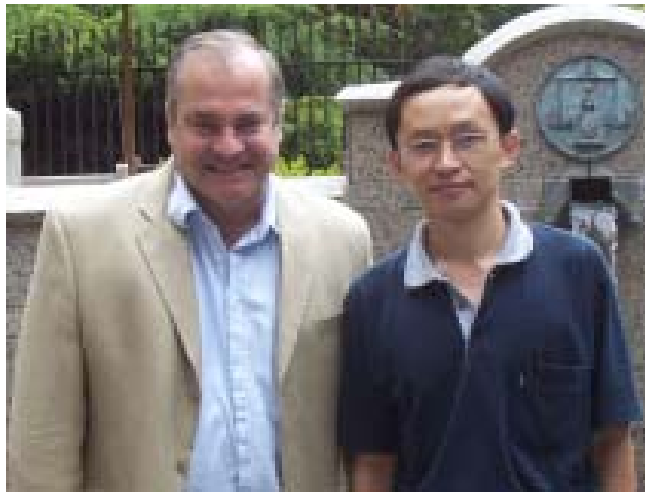
EPA has discretion to allow the State extra time to develop TMDLs in light of available resources and other factors, provided Maryland uses its best efforts as it has agreed to do in memoranda of understanding between the State and EPA. EPA likely will add that the State’s efforts are preferable to greater EPA efforts in Maryland in light of EPA’s national policy goals and other obligations under the TMDL program. Ten new student attorneys joining the Clinic as EPA’s brief is filed will have a short month to prepare the Plaintiffs’ reply brief. They will continue to advocate an enforceable schedule for TMDL development in Maryland in hopes of improving the State’s polluted water bodies ahead of the current decades-long timetable.

The Clinic recently saw its work succeed on another water quality matter. On behalf of Potomac Riverkeeper, Inc., Student Attorney Ami Grace filed comments with the Maryland Department of the Environment (MDE) in February 2005 on proposed water quality standards for the Chesapeake Bay. In June, MDE adopted some of the Clinic’s comments when MDE re-proposed the standards for a second round of public comment after making significant changes to the original proposal.

In addition, the Clinic serves as co-counsel with Aaron Colangelo, a Staff Attorney at the Natural Resources Defense Council (NRDC), in NRDC’s federal lawsuit challenging EPA’s failure to consult with the U.S. Fish and Wildlife Service and the National Marine Fisheries Service, as required by the Endangered Species Act, to ensure that EPA’s registration of atrazine, a widely used herbicide, under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) will not jeopardize 21 endangered species in the Chesapeake Bay region, the Midwest and the South.

The Clinic also will examine aspects of Clean Air Act implementation in Maryland on behalf of other clients. This work will benefit from the Clinic’s impressive January 2005 report, *Keeping Pace II: Cleaning Up Maryland’s Air*, which Student Attorneys Ulka Patel, Ami Grace and Jonathan Nwagbaraocha and Clinic Director Rena Steinzor prepared for Senator Brian Frosh. These and other upcoming projects involving land use, pesticides, and Clean Water Act permitting and compliance promise a busy year for the Clinic, one rich with rewarding legal experience and opportunities to make a positive difference in the State’s environment.

CHINESE PROFESSOR AND PUBLIC INTEREST LAWYER JOINS MARYLAND PROGRAM AS VISITING ENVIRONMENTAL SCHOLAR



*Professor Robert Percival welcomes
Visiting Scholar Jing Hu.*

Environmental law professor Jing Hu from the China University of Law and Politics in Beijing arrived in Maryland on August 16 to commence a year's residence as a visiting scholar with the University of Maryland Environmental Law Program. Professor Hu is one of the leaders of the Center for Legal Assistance to Pollution Victims (CLAPV), the top public interest environmental law organization in China.

During his year at Maryland, Professor Hu will be assisting in several environmental law courses and working with Maryland's Environmental Law Clinic to develop ways of improving clinical education in China. Professor Hu is the co-author of a major study of the growing public interest environmental law movement in China.

Professor Hu's visit is an outgrowth of Professor Percival's trip to China in March 2005. While in Beijing, Professor Percival met with Professor Hu and Wang Canfa, director of CLAPV. Together they developed an ambitious agenda for future collaboration that already is off to an excellent start. Professor Percival arranged for one of his students to spend the summer of 2005 in Beijing working with CLAPV in what is expected to be the beginning of a series of student and faculty exchanges. Environmental issues have received extraordinary public attention in China during the past year riots have even broken out in some cities in response to environmental conditions that visibly threaten public health.

During his visit to China, Professor Percival presented a lecture to faculty and students at the University of Nanjing, which has one of the top environmental programs in China. The co-director of this program, Professor Jun Bi, visited the United States in July 2005. During this visit, Professor Percival had the pleasure of taking Professor Bi, his wife and son to see their first baseball game ever – a game between the New York Mets and the Washington Nationals at RFK Stadium in D.C. (see photo below).



*Professor Bi, his wife and son attend their first
baseball game at RFK Stadium in D.C.*

In July Professor Percival traveled to Sydney, Australia to participate in the annual colloquium of the IUCN's Academy of Environmental Law. More than 120 environmental law professors from six continents attended the week-long colloquium, which was held at Macquarie University. At the colloquium Professor Percival presented a paper on "Federal Power to Protect Biodiversity: A Cross-National Comparison." He also moderated a panel on indigenous rights and the environment and helped draft a statement summarizing the conclusions of the conference, which was approved by the participants. Following the conference, Professor Percival visited the offices of the Australian Law Reform Commission in downtown Sydney where he met with David Weisbrot, President of the Commission, to discuss establishing an externship program for Maryland students.

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International Activities (continued)

One of the highlights of the IUCN Colloquium was a field trip to Ku-Ring-Gai Chase National Park, a spectacularly beautiful coastal area north of Sydney rich in Aboriginal rock engravings (see photo below).



Prof. Ben Boer (University of Sydney), Jimmy Richards (Queensland Park and Wildlife Service) and Joe Sax (Univ. of Calif.-Berkeley) on field trip to Ku-Ring-Gai Chase National Park during IUCN Academy of Environmental Law Colloquium.

During summer 2005 the Maryland Environmental Law Program hosted a visiting researcher, Zsuzsanna Andrasi, from the University of Szeged in Hungary. Ms. Andrasi spent eight weeks at the law school researching how various American jurisdictions regulate “light pollution” – the detrimental effects of excessive artificial lighting. The subject is of particular interest to Ms. Andrasi’s husband, Dr. Gyula Szabo, because he is an astronomer, though her research focuses more broadly on the ecological effects of excessive artificial illumination.



Visiting Researcher Zsuzsanna Andrasi from University of Szeged, Hungary.

Ms. Andrasi’s findings will be used to make recommendations to Hungarian authorities on how to develop sensible policy for regulating outdoor lighting.

PROFESSOR STEINZOR BEGINS RESEARCH PROFESSORSHIP



Professor Steinzor with research assistants, Jason Smith, Evan Isaacson, Andrea Curatola, and Jesse Martin.

In an effort to strengthen the Law School’s scholarly contribution to public policymaking, Dean Karen Rothenberg raised money to support the Jacob A. France Research Professorship. The professorship is awarded to faculty with interesting research agendas, as determined by a committee of their colleagues. Rena Steinzor is its first recipient, and she is on leave during the fall semester to complete two books: "Rescuing Science from Politics and Mother Earth" and "Uncle Sam: How Pollution and Hollow Governments Hurt Our Kids."

The first book, which Steinzor is co-editing with Professor Wendy Wagner, will be published by Cambridge University Press and released in December. It is a collection of essays by a group of well-respected academics from the fields of law, philosophy, and science that advocate the adoption of three principles that the authors argue are necessary to restore the freedom and integrity in the arena of regulatory science, especially science that concerns environmental protection.

One. Scientists must be able to conduct research without unjustified restrictions, including undue influence by research sponsors.

Two. Researchers and those using their research must be careful to accurately represent their findings, including the limitations of that research. The data and methods of research that informs regulatory decisions must be communicated honestly and expeditiously to the research community and broader public.

Three. Government support of independent research is essential to produce discoveries that benefit the public good. In appropriate circumstances, peer review may serve an important role in assisting the government’s decision-making regarding the use and funding of science, but peer review must never be used to censor research.

The Dawn of a New Corporation: Protecting the Bottom Line by Pursuing Sustainability

by April H. Birnbaum and Khushi K. Desai*



Panelists Kenneth Cohen (ExxonMobil), Mindy Lubber (CERES), and Hewson Baltzell (Innovest Strategic Value Advisors).

On June 10, 2005, the University of Maryland School of Law hosted the ABA's Thirty-Third National Spring Conference on the Environment. The conference, entitled "Financial Institutions, Corporate Stewardship, and Sustainable Development: Drivers for the Evolution of Environmental Law and Practice," attracted over 100 environmental professionals and business leaders from across the country to discuss the growing economic, social, and environmental appeals of corporate sustainability.

Following a brief introduction from Elliot P. Laws of Pillsbury Winthrop Shaw Pittman, LLP, and a warm welcome from Professor Robert V. Percival, Alex Barkawi, Managing Director of the Dow Jones Sustainability Indexes in Zurich, Switzerland, opened the conference. He discussed how sustainability trends can and should be translated into corporate risks and opportunities, which asset managers can appreciate. Barkawi consistently stressed that environmental concerns in the financial market are no longer solely moral-based; rather, they are legitimate and important factors that now capture the interest of mainstream, performance-focused investors.

Mindy S. Lubber, President of the Coalition for Environmentally Responsible Economies (CERES, Inc.), began the first panel's discussion by emphasizing that all corporations have a fiduciary duty to incorporate environmental considerations into their decision-making processes, as well as to disclose policies on sustainability

because such factors likely present risks to their investors. Advancing upon the ideas expressed by Lubber, Hewson Baltzell of Innovest Strategic Value Advisors noted that while corporations have a duty to disclose all associated environmental costs to their shareholders, in actuality, very few corporations, states, NGOs and international investment institutions apply sustainability research to their investment practices.

Next, Gary Guzy, Senior Vice President of Marsh USA Inc. presented an overview of the development of private environmental regulations where companies commit to use environmentally beneficial practices to satisfy insurers, lenders or shareholders. Guzy discussed the Equator Principles: quasi-enforceable pacts that ask financial institutions to commit to sustainability, accountability, transparency, sustainable markets and governance, and a "do no harm" principle. Guzy also noted that the recent Sarbanes-Oxley Act, enacted in the wake of the Enron scandal and which requires corporate officers to personally certify the fairness of their financial representations, is another legal tool used to lead corporations towards transparency and accountability. According to Guzy, institutions and corporations are now more inclined to adhere to these types of policies because of increased levels of stakeholder activism and recognition of the overall benefits of facilitating a more direct and candid relationship with their customers.

In contrast, Kenneth P. Cohen, Vice President of Public Affairs at ExxonMobil, urged that corporations are not the principal players in achieving sustainability. Cohen argued that society tends to ignore the sizeable control



J.C. Walker, '95, speaks with Professor Robert Percival and law student April Birnbaum.

ABA Spring Conference (continued)



Panelists Susan Ponce, Brad Raffle, Alan Hecht, and moderator, Andrew Mangan.

consumer demand exerts over the energy market. Cohen stated that while energy consumption is responsible for 87 percent of air emissions, only 13 percent of air emissions are derived from energy production. Cohen insisted that although it is important for citizen watchdogs to scrutinize ExxonMobil's corporate conduct, it is even more important for those citizens to reflect upon their own consumption behavior. Throughout his discussion, Cohen maintained that ExxonMobil is doing all that it can to act sustainably, while simultaneously meeting society's energy demands. Contrary to popular belief, Cohen asserted that ExxonMobil is challenging the government to make energy improvements, and that thus far, it has had good reason to reject the solar and wind energy markets, which he suggests are more appropriate for smaller niche companies. While ExxonMobil does not support the Kyoto Protocol, Cohen suggested that the company recognizes the importance of thwarting climate change. It simply does not believe that Kyoto is the best means of reaching that goal. Cohen attempted to dispel suspicions that ExxonMobil refused to support Kyoto simply because it would be too costly by stating, that, if required, ExxonMobil "will meet or exceed any Kyoto commitments anywhere in the world where we're going to operate."

The second panel reaffirmed many of the previously mentioned themes regarding fiduciary duties and the need for increased corporate disclosure to advance environmental protection, while fostering economic development. Dr. Alan D. Hecht, Director for Sustainable Development, Office of Research and Development, U.S. EPA, reported that today's global financial market must respond to a number of social and environmental pressures that demand changes. These include improvements in resource management, increased levels of transparency and accountability, and a reshaping of industrial processes. Hecht referred to the push for more sustainable management practices as a social movement that has been able to create more interest in environmental stewardship and

collaborative problem solving. Brad Raffle, Partner at Baker Botts LLP in Houston, concluded the panel by reviewing how liability-ridden Brownfield sites can be converted into liability-free, usable green space. According to Raffle, Brownfield properties are particularly appealing targets for remediation because they provide great ecological uplift potential, with appropriate liability protections and financial incentives.

Michael F. Northrop, Program Officer for the Rockefeller Brothers Fund, presented the luncheon keynote address, which focused on new paths to protection of forests and climate. Northrop highlighted the surprising effectiveness of the Forest Stewardship Council's forest certification program, which, to date, has certified over 120,000,000 acres of forest area as sustainable. He also discussed the promising potential of carbon cap and trade schemes for reducing climate change.

In the third panel, University of Maryland School of Law's Professor Rena Steinzor, Scholar with the Center for Progressive Reform, suggested that fundamental reform of U.S. environmental law is necessary, given that the current legislative process is gridlocked and environmental protection remains a low government priority, despite overwhelming public support. Amy Schaffer, Federal Regulatory Affairs Manager, Weyerhaeuser Co., discussed Weyerhaeuser as a promising example of a large multi-national corporation that has successfully committed to a rigorous environmental implementation program. Schaffer suggested that in order to attain a more sweeping implementation of sustainable practices in corporate environments, changes to manufacturing processes need to be easier to achieve.

The final panel crystallized the principal themes of the conference and assessed the prospect of amending statutes and regulations to promote stewardship and sustainability in the corporate sector. John Dernbach, Director of the Policy Office, Pennsylvania Department of Environmental Protection, suggested that as threatening environmental problems continue to emerge, more proactive statutory changes will be necessary. In addition to discussing traditional forms of environmental law, Dernbach defined what he refers to as "anti-environmental" laws: those laws which conflict with the environment in immediate

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Annual Environmental Symposium Focuses on "The Data Gaps Dilemma"

The University of Maryland Environmental Law Program's annual Ward, Kershaw Environmental Law Symposium focused on *"The Data Gaps Dilemma: Why Toxic Ignorance Threatens Public Health."* Held in Washington in May 2005, the symposium examined ways to close data gaps through the testing of toxic chemicals. The symposium was held in conjunction with the Center for Progressive Reform with assistance from the Natural Resources Defense Council, and attendees and speakers represented academia, the government, and non-profit organizations.

The symposium was based around the astonishing fact that toxicity data is available for only roughly 20% of the chemicals in commerce, and yet public funding for research has remained relatively flat over the last 30 years. Although industry funds much scientific research, it is not always available for public use and there is additionally a perception of bias. Thus, understanding the budget and priorities for publicly funded research at the Environmental Protection Agency (and other federal agencies) is key. Research by the Center for Progressive Reform (CPR)(of which University of



CPR Policy Analyst Katherine Baer, CPR Scholar Professor Rena Steinzor, and CPR Executive Director Jennifer Marshall.

Maryland law professor Rena Steinzor is a founding board member) focused on EPA's Integrated Risk Information System (IRIS), an internationally preeminent toxicological database, providing synthesis information that is the basis for much environmental regulation.

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Data Gaps Symposium (continued)



CPR Scholars John Applegate, Sid Shapiro and Amy Sinden.

CPR's research revealed profound gaps in the toxics knowledge base. Using IRIS as context, CPR discovered that over one-fifth of the Clean Air Act's Hazardous Air Pollutants (HAPs) were missing from IRIS, and for those HAPs that were included, assessments were on average over ten years old. Similar gaps were found when comparing IRIS to pollutants regulated under other environmental statutes. Further analysis of EPA's research budget and planning process provided insight into some of the factors that contribute to data gaps on the ground level including declining federal research dollars and a labyrinthine priority-setting and planning process that highlights the lack of coordination within and between federal agencies.



CPR Scholar Carl Cranor.

Given this background, the Ward, Kershaw Environmental Law Symposium was designed to more broadly explore the types of data gaps that hinder regulatory efforts to protect public health and the environment, analyze what creates and exacerbates these data gaps, and then work to construct solutions for closing such gaps. Using the flaws in IRIS as context, types of data gaps were defined and toxics testing requirements in programs at the state, national and international levels were compared to understand options for information generation. The symposium ended with a discussion of an affirmative agenda to accomplish the goal of closing or filling data gaps.



Moderator Anita Nager of the Beldon Fund, Linda Greer, Director, NRDC Health and Environment Program, and Dr. David Michaels, George Washington Medical Center.

Professor Rena Steinzor opened the conference with an overview of the data gaps problem and why the federal government has an important role in generating toxicity information. She was followed by Professor John Applegate of Indiana University School of Law who cataloged data gaps and then presented two conceptual ways to approach data gaps – either by “filling” them with new data, or by “bridging” them with available data, models, and other methods. The first panel then examined toxicity testing and/or information gathering requirements at the state, national and international levels. University of Maryland law student Matt Shultz gave an overview, followed by contributions from a panel including Richard Denison, Environmental Defense, Katherine Squibb, University of Maryland School of Toxicology, and John Applegate, Indiana University School of Law.

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AS FOSSIL FUEL PRICES SOAR, GREEN ENERGY IS RISING

by Bruce C. Mulliken*



Pictured with law student Sandra Young, green energy expert Bruce Mulliken speaks to the Maryland Environmental Law Society.

A Wall Street investment banker once admitted to me, "Money doesn't run economies, energy does." Energy is defined as having the ability to do work. Work is what economies are supposed to do.

But serious problems have arisen with the burning of fossil fuels and our reliance on them to run our economies. A shift to new energy supplies seems more necessary than ever before.

The Threefold Problems of Fossil Fuels

No matter how sophisticated the pollution controls on our vehicles and fossil fuel burning power plants may get, they still are not 100 percent clean. Simply put, if the exhaust directly from smokestacks or tailpipes was clean, people and other living creatures should be able to breathe it. Of course, they can't.

Air pollution isn't limited to burning fossil fuels for industry and transportation. Waste-to-energy power plants pollute. Some industrial processes pollute. The furnace or boiler in our homes pollutes. Even that biomass-fired wood stove pollutes the air, but we like the aroma, so we ignore it.

And pollution, of course, is not just in the air. With the help of rain, air pollution finds its way out of the sky into our waterways.

Most scientists who have studied global warming agree that the burning of fossil fuels is heating up the planet. Many in government and industries worldwide agree. But the few percentage points in greenhouse gas emissions cuts under the Kyoto Protocol - now in force in much of the world - are only a baby step compared with what must happen. Cuts of 50-60 percent - almost immediately - need to take place.

However, major cuts would mean major changes to the fossil fuel industry. It may be possible to sequester emissions from power plants, but we can't sequester emissions from moving vehicles.

Ninety percent of crude oil is converted into transportation fuels. Unless oil companies can find a fuel to sell where the carbon-component is removed and sequestered before it is sold at the pump, they'd be out of business if a major crackdown on carbon emissions were to take place. This is the reason they're supporting hydrogen as a replacement for gasoline and diesel fuel.

Yet while government drags its feet to mandate these cuts, the world gets hotter and hotter.

We've built our economies reliant upon natural resources - coal, oil, and natural gas - that we have no real idea of how much remains in the ground.

There is no well-head-by-well-head, mandated, global, international accounting system for oil and natural gas. (Or coal for that matter.) The supply of the very lifeline of the world's economies is left to market economics.

We consume more oil every year than we find. Currently supply at the pump is just meeting demand. There is no cushion of over-supply. The price of a barrel of oil is at record levels because of this balancing act.

Further, the best resources for oil on the planet are under the feet of populations that frankly, no longer like the West very much, particularly the U.S. Any major disruption in supply, such as from a civil war in Iraq expanding to the region, could sink the world's economies.

And coal? Experts say there's still plenty buried in the ground for the next few centuries. But without technological changes to coal power plants and carbon sequestration, coal will continue to cause damage to our planet.

A note about nuclear power: Supplies of uranium may be sufficient to fuel nuclear power plants for decades, though rumors persist that supply is actually more limited than is commonly thought. We could start building more nuclear power plants only to find ourselves an importer of nuclear fuel. We may already be in that situation now. This is not a good situation to be in.

Solutions: State of the Art Green Energy

So what's one solution to the problems of fossil fuels? We could become dramatically more efficient in our use of conventional energy while at the same time we shift to much higher percentage use of renewable energies.

Continue on next page

Green Energy (continued)

Fortunately, there's growing interest in green energy from industry, consumers and politicians. Here's a short list of what's working now and on the way.

Hybrid cars, already a success, may be evolving into plug-in hybrid electric vehicles (PHEV). Modifications to stock hybrid cars by shade tree mechanics and start-up companies can double or almost triple gasoline fuel economy.

Another conversion, to run on ethanol blended gasoline, would increase gasoline fuel economy to 500 miles per gallon. (Ethanol fuel economy would be significantly less.)

Plug-in hybrid cars and trucks may lead to battery only electric vehicles. Battery technology has improved dramatically with the help of nanotechnologies. For instance Japanese company Toshiba has developed a vehicle battery that will recharge 80 percent in less than a minute - less time than it takes to get a cup of coffee.

Light emitting diode (LED) emitters may replace incandescent bulbs, fluorescent and compact fluorescent bulbs soon. LEDs use 80-90 percent less electricity than incandescents. All of the major lighting manufacturers appear to have become involved with LEDs for general lighting.

In the U.S., Midwestern farmers have discovered that wind power is a cash crop. Globally wind energy is in growth mode. The U.S has one major wind turbine manufacturer (GE). Spanish turbine maker Gamesa is setting up shop here. Clipper Wind, a U.S. start-up, has its first order for a brand-new 2.5 megawatt turbine. European companies are testing 4.5-5.0 megawatt machines for offshore installations.

And offshore is where it's at. Shell and partners are planning a 1-gigawatt offshore wind farm to help supply London, England. The first offshore wind farm for the U.S., Cape Wind off Cape Cod, Massachusetts is inching closer to construction with the help of the courts. Speaking of offshore, the world's first grid-connected wave power plant is under construction off the coast of Portugal. Experts believe that wave and tidal current energy will soon get the same technological attention that helped build the wind energy industry. The power of moving water is far greater than that of wind.

Solar photovoltaic power is no longer alternative energy for alternative lifestyles. In percentage points the industry is growing more rapidly than wind, but installed capacity is much less because of the smaller power output. State backed programs such as those in

California and New Jersey have helped build solar industries there.

The solar companies are working hard to reduce costs and increase efficiency of solar cells, panels and arrays. Solar has become good business, too. GE, which quickly grabbed Enron Wind out of bankruptcy court also grabbed a solar company caught in the tech crash.

Biodiesel fuel made from a variety of feedstocks such as soybeans or used cooking oil is another hot item for farmers. New manufacturing facilities are now popping up on a regular basis. The fuel gets tax help from a Federal government tax credit, but it wasn't doing badly before the credit was given.

Ethanol is slowly moving beyond corn as a feedstock. Canadian company Iogen claims it has developed a form of bioethanol that makes use of enzymes to break down a variety of cellulose feedstocks that can be distilled into ethanol.

Hydrogen and hydrogen fuel cells remain a promise, but the technology has more hurdles to jump - cost, reliability, a fuel infrastructure - than other technologies. Still, it gets government help and interest from the current fuel suppliers who stand to gain the most from its success.

Work to be Done

Despite the success of green energy, more work needs to be done to keep the ball rolling.

Technology wise, the successful wind and solar sectors need better, cheaper energy storage devices. The wind doesn't blow 24/7 and solar cells don't work at night. Power needs to be stored somehow, cheaply.

The green energy industry could use some help to make the technologies more appealing to consumers - performance and reliability standards come to mind. Consumers deserve to know how well a product is likely to perform, how long it will last and what to expect for maintenance and repairs.

And too, consumers may eventually be asking, "What is green? What exactly makes a technology renewable and efficient?" More full cycle studies of each technology and industry process need to be created.

In the end, however, any standards that could be developed for the industry should give consumers confidence in these technologies and encourage them to buy them.

We need green energy now. There's no time to waste. The clock is ticking on the problems of fossil fuels.

****Bruce Mulliken is Editor and Publisher of Green Energy News.***

PERCIVAL PRESENTS INAUGURAL STANTON PROFESSORSHIP LECTURE



On April 24 Professor Robert Percival presented the inaugural Robert F. Stanton Distinguished Professor lecture as part of his installation as the Robert F. Stanton Professor of Law. The lecture discussed "The State of Environmental Law in the Twenty-First Century." Percival argued that although the United States has lost its leadership role on most environmental issues under the current administration, environmental protection has become such a global imperative that the very forces driving economic globalization ultimately will compel positive changes in U.S. policy.

Percival was particularly gratified to see the many alumni who attended his lecture. One former student of Percival's, who is now teaching at Johns Hopkins, brought her environmental seminar students to hear the lecture.

Alum Joins Cancer Survivors in Fundraising Effort



Lori Schectel (Class of 1999) has been raising funds for the Lance Armstrong Foundation as part of its Peloton Project, a grass roots fundraising initiative. In April 2004 Lori discovered that she had cutaneous lymphoma, which was successfully treated at Stanford's Lymphoma Clinic. Cancer-free for a year now, Lori has been competing in triathalons and in October she will ride in the Lance Armstrong Foundation's 2005 Ride for the Roses in Austin, Texas. She has raised more than \$7,500 for the Peloton Project. Anyone who wishes to make a donation to this great cause can do so as follows: (1) Go to www.laf.org, (2) Click on the Yellow "Donate" Icon, (3) Scroll down and click on "Donate to a Peloton Member," (4) type in "Schectel" as the last name.

DONATIONS MUST BE MADE BY SEPTEMBER 16, 2005.

Continued from page 6 ABA Spring Conference

and pervasive ways, such as those that provide fossil fuel subsidies and promote sprawled growth. Professor Dennis Hirsch of the Capital University Law School followed Dernbach with a synopsis of the fundamental principles expressed throughout the conference. Hirsch defined corporate stewardship as environmental improvement driven by factors other than direct regulation. Moreover, he argued that reflexive law, rather than formal or substantive law, is the best strategy for urging corporations to embrace environmental concerns because it most effectively promotes self governance and the internalization of sustainability.

At the close of the conference, Michael Gerrard briefly summarized the sustainability strategies that he believes are most appealing to corporate entities. Although transferable permits that create incentives for compliance can be effective, Gerrard asserted that these permits may also be problematic because they are limited to specific activities and time periods, and are extremely costly to acquire. Further, Gerrard insisted that for corporate disclosure rules to be effective, they must be flexible and enforceable.

The conference highlighted the many ways in which corporate behavior is changing in response to environmental concerns. The high cost of environmental remediation has made everyone aware of the economic benefits to companies from developing forward-looking environmental policies. Companies who damage the environment even in remote areas of the world are now being held to account by investors, consumers, insurers and concerned citizens. The companies that will be the most likely to succeed in the future will be those who understand that they can best protect their bottom line by pursuing environmentally sustainable policies.

**April Birnbaum and Khushi Desai are second year law students and research assistants for Professor Robert Percival.*

Continued from page 8 Data Gaps Symposium



CPR Scholars David Adelman and Dr. Katherine Squibb.

The second panel, "What Exacerbates the Data Gaps Problem," focused on obstacles to closing data gaps, primarily within the IRIS database but more broadly as well. Presentations by Katherine Baer, CPR, and Simone Baribeau, Center for Science in the Public Interest, addressed problems in the planning and budget process and highlighted potential problems resulting from industry influence on toxicity values. Panelists John Bucher, National Toxicology Program, Mary Lyndon, St. John's University School of Law, and Erik Olson, Natural Resources Defense Council (NRDC) added their perspectives to this issue.

Finally, the last panel was a discussion of how to narrow data gaps. Panelists Linda Greer, NRDC, David Adelman, University of Arizona School of Law, and David Michaels, George Washington University Medical School, posed ideas for closing data gaps to start the group discussion. Ideas ranged from creating a public-private third party to oversee data generation, to increasing federal funding, to rewriting the Toxic Substances Control Act, to selective use of toxigenomics to fill in where other tests are lacking. Audience participation was lively and by the end of the day, a long list of possible solutions had been noted.

Building on the symposium, CPR is working on a detailed strategy to close data gaps, which will be available later this summer. If you are interested in receiving this list, please send an email message to: katherinebaer@progressivereform.org. Additionally, a thorough analysis of the IRIS database will also be available on CPR's website www.progressivereform.org.

An Extern's Perspective: Helping Goodwill Industries Manage E-Waste

by Amy Roth*



Student extern Amy Roth with supervising attorney, Jay Hutchins, Federal Affairs Manager, Goodwill Industries International, Inc.

Prior to attending law school I had a strong interest in the environment, which prompted me to pursue a career in environmental law. Although the University of Maryland offers several environmental law courses, I knew I needed practical experience in order to decide if I had made the right career choice. For the spring semester of my second year I was scheduled to take a legislative internship that ended up being cancelled at the last minute. I went to Laura Mrozek, coordinator of the Environmental Law Program, for advice on filling the gap in my schedule and expressed my desire to gain a real life experience. Laura informed me that Goodwill Industries International, Inc. ("Goodwill") was looking for an environmental legal extern and she thought I would be an ideal candidate. She provided me with information about the Goodwill externship and informed me that I could apply to be the Environmental Law Program's first legal extern with Goodwill. The next afternoon I held a phone interview with the supervising attorney, Jay Hutchins, and I was able to begin my externship the first week of classes.

Before arriving at Goodwill I was under the impression that they sold previously used items to customers. However, I learned that Goodwill was not

just a thrift store, but also a successful international nonprofit organization. I also learned that Goodwill not only consists of over 2,000 retail stores worldwide, but also that they are one of the world's largest nonprofit providers of education, training, and career services for people with physical, mental and emotional disabilities. In fact, last year Goodwill served 723,485 people through employment and training programs. Goodwill provides these diverse services by collecting donated clothing and household goods and selling them at their retail stores.

Given the rate at which computers and other electronic devices are becoming obsolete, e-waste is the fastest growing waste stream. As more and more landfills refuse to accept electronic products, consumers and businesses are left with few options in disposing their e-waste. This in

turn causes e-waste to be a problem for Goodwill because they are often stuck with piles of computers and televisions that have been donated. The organization is therefore left with having to pay to dispose of these items safely, diverting dollars from the critical human services they provide to the community.

For my externship I was assigned to work in the Goodwill Public Policy department, which primarily consisted of attorneys who support Goodwill's position on various pieces of federal legislation. I was assigned to help Goodwill develop its policy on management of e-waste. I began by reviewing journal articles on e-waste, which helped me to realize the importance of the problem, not only in the domestic realm, but also internationally. I learned that generally e-waste is a great environmental concern because many component materials of electronic items pose dangers to human health and the environment since they may contain, among other hazardous materials, cathode ray tubes and 5-8 pounds of lead. Each year tens of millions of computers, televisions, and other electronic products are discarded. The U.S. Environmental Protection Agency estimates that nearly 250 million computers will become obsolete in the next five years, and over 220 million tons of old computers and other electronics will make their way into landfills each year. Since Goodwill is left with having to absorb the costs of e-waste recycling, they support federal legislation that would find a balance between consumer and manufacturer responsibility for the treatment and disposal of e-waste.

Continue on next page

E-Waste (continued)

Within my first two weeks at Goodwill Representative Thompson from California introduced a piece of federal legislation (H.R. 425) for the recycling of e-waste. Goodwill influenced and supported this legislation. This bill calls for the payment of advanced recovery fees by consumers at the time of purchase, which would be used to reimburse private, nonprofit, or government entities for the collection, recycling and disposal of e-waste. Shortly thereafter, Senators Wyden (D - OR) and Talent (R - MO) introduced S.510, which provided tax incentives to consumers and businesses that recycle their e-waste.

Although there is no federal legislation regulating e-waste to date, a few states have taken matters into their own hands and others will soon follow. Many of the assignments that I worked on at Goodwill consisted of research on state legislation concerning e-waste. For example, I researched e-waste legislation passed in California (SB 20/SB 50) and Maine (L.D. 1892) and provided an in-depth comparison of both statutes. I analyzed both pieces of proposed federal legislation that were discussed above and prepared a detailed analysis of the bills and their potential impact on Goodwill. Additionally, I researched other legal issues concerning the international transportation of e-waste and I developed a piece on the World Trade Organization's view on the e-waste trade and the environment.

All of my assignments at Goodwill strengthened my legal research and writing skills. I gained a vast amount of knowledge on e-waste by conducting research and writing on e-waste issues. Additionally, these assignments taught me to think critically about legislation's potential impact on an organization. My supervisor Jay Hutchins provided me with prompt feedback on my assignments while giving me freedom to develop my own approach to projects. Jay not only assisted me in selecting my assignments, but he also involved me in the Goodwill community. He believed that this experience was a large part of the externship. I was able to attend public policy board meetings, congressional hearings, meetings with Senate staff and other Goodwill events. A few of the most memorable moments at this externship were briefing the public policy board on the status of federal e-waste legislation and the results of our meeting with Senate staff. A meeting with Senator Wyden and Senator Talent's staff about their e-waste bill was an eye opening experience where I gained first hand knowledge of the lobbying process.

The skills that I developed at Goodwill are not found in the classroom, but only in real life experiences. A simple example of the practical lessons I learned at

Goodwill was observed this summer as my family and I cleaned out our basement and stumbled upon a few outdated and nonworking computers that we needed to dispose of. I knew exactly what to do in order to be an environmentally conscious citizen—recycle them. Not only did Goodwill educate me about proper management of e-waste, but it taught me the importance of the role citizens, nonprofit organizations, and industry play in the environmental legislation process.

The combined experiences of researching assignments, meeting with Goodwill staff and board members, and meeting with Senate staff helped me understand the lengthy process of legislation. In addition, my position at Goodwill taught me how to be an advocate for a nonprofit organization and to represent the concerns of a Board. My work at Goodwill last semester was an excellent externship that will be instrumental in helping me to decide what direction to take in my career path. I highly recommend the educational experience of being an extern with Goodwill and I encourage others to pursue an environmental legal externship there.

Amy Roth is a second year law student. She spent the summer of 2005 as a legal extern with the U.S. EPA, Office of Enforcement and Compliance Assurance in Washington, DC.

Steinzor to Complete Two Books Continued from Page 4

The second book, which Steinzor is writing under a contract with the University of Texas Press, explores how environmental policymaking is failing the nation's children, using three case studies: control of mercury emissions, reduction of ozone pollution, and the elimination of perchlorate (found in rocket fuel) from the drinking water supplies used by millions across the country. Steinzor will argue that the chronic underfunding of the Environmental Protection Agency has rendered it "hollow" – or incapable of fulfilling the ambitious statutory missions Congress has assigned it. She will identify other reasons for the Agency's dilemma, characterized by its former Administrator Bill Ruckelshaus as "battered agency syndrome," from special interest lobbying to the "complexification" of environmental law to abusive congressional oversight. The book will offer solutions to move the Agency forward.

In the spring, Steinzor will return to teaching, initiating a new course for first-year students entitled "Introduction to the Regulatory Systems."

Photographing the Environment

While Clerking in Awe-Inspiring Alaska

by Matt Marinelli*



Matt inside of Mendenhall Glacier.

To say the least, my clerkship with the Alaska Supreme Court caused me to break in my hiking boots. During my year in Juneau I made up for a lifetime of exclusively city living almost devoid of outdoor experiences by hiking several times per week. This newfound passion for hiking and my desire to share my experiences with my friends and family back home led me to take up nature photography. Over the course of my clerkship I was fortunate to take a number of impressive pictures. Some of these pictures now decorate my office and apartment, providing a reminder of both a year well spent and my environmental goals.

While I like to think that I experienced some success as a photographer, the majority of any success is due to two factors that are entirely unrelated to any skill on my part. First, I used a digital camera to take almost all of my pictures, which gave me the ability to immediately



Salmon drying in Teller.

examine and improve landscape shots and take multiple shots of animals without concern for costs. Secondly, the subject material in and around Juneau is so awe-inspiring that it is relatively easy to take stunning pictures.

Juneau sits on Gastineau Channel, which is part of Southeast Alaska's Inside Passage, and is surrounded by a series of dramatic 3,000 to 4,000 foot mountains. In addition to these features, the area around Juneau is full of valleys, glaciers, and rivers that provide spectacular subjects. It is almost impossible to avoid bald eagles, as the roughly 20,000 bald eagles in southeast Alaska are drawn to the salmon that spawn in Juneau's streams every spring and summer. It is also relatively easy to encounter harbor seals, porcupines, beavers, and both brown and black bears in the area around Juneau. One of my most enjoyable experiences was a trip to the Pack Creek on Admiralty Island, which is home to the largest concentration of brown bears in North America. While there, I was fortunate to observe and photograph several bears feeding on a late salmon run. While my Alaskan experience was dominated by the rainforests of southeast Alaska, I was also fortunate to experience the unique beauty of Denali National Park during the summer solstice, the tundra outside of Nome, and the marine life of the Seward Peninsula.



Juneau's often photographed Mendenhall Glacier is rarely seen from this angle.

While my camera is no longer my constant companion, my experiences with photography over the course of my clerkship provided several enduring lessons. Painfully, I learned to always carry my digital

Continue on next page

Clerking in Alaska (continued)



A bald eagle fishing in Favorite Channel near Juneau.

camera in a waterproof bag. I acquired this knowledge at the cost of my first camera, which did not survive my unexpected swim in a glacial stream. I was more pleased to gain a basic understanding of photographic composition and a working knowledge of how to operate a camera. I also became more patient, sometimes waiting hours for Juneau's seemingly ever-present clouds and fog to clear, or waiting for an animal to move so that I could take a better picture.

Most importantly, my photographs of these experiences provide me with a constant reminder that there is much work that needs to be done to protect our environment. The pictures of glacial valleys, and the forests that are beginning to take hold on the recently barren glacial plain stand as a testament to the fact that global warming is causing all but a few of Southeast Alaska's glaciers to recede at a frightening pace. The pictures of salmon and the animals that depend on salmon, serve as a reminder that the staple



A bear fishing for salmon at Pack Creek.

fish of Southeast Alaska must be managed sustainably in the face of threats posed by fish farms, mining, and possibly salmon hatcheries. I also appreciate my interaction with, and pictures of, the people of Alaska.



A moose enjoying a quick bite at Denali National Park.

Perhaps more than the citizens of any other state, Alaskans personally rely upon and interact with their environment in order to ensure their very survival. I was also touched by the stark poverty of Teller, a village of about 250 people outside of Nome, where I enjoyed a chance encounter with the mayor. This conversation, which touched upon the need for basic services in Alaska's remote villages and the hardship caused by a below-average salmon run, brought home both the pressing need of rural Alaskans to exploit their natural resources for their survival, as well as the need for sustainable management of these resources. While my year's worth of pictures have proven to be good conversation pieces, their greatest function is to remind me of my desire to both experience and preserve natural areas.

**Matt Marinelli, a former student of Professor Robert Percival, clerked for Justice Walter Carpeneti of the Alaska Supreme Court. He is a member of the Illinois and District of Columbia Bars.*

Environmental Law Student Summer Job Report

Class of 2006

Jeremiah Chiapelli - law clerk for Gary Greenwald, PC and Walsh & Co. in Columbia, MD.

Andrea Curatola - law clerk with the Center for Progressive Reform in Washington, DC.

Mindy Goldstein - summer associate for Hunton & Williams in Richmond, VA.

Sriram Gopal – legal extern with U.S. EPA, Office of Enforcement and Compliance Assurance in Washington, DC.

Karlene Fischer – law clerk with Ryley, Carlock & Applewhite in Phoenix, Arizona.

Natalie Havlina – law clerk in the summer EPA Honors Program with the Office of General Counsel, U.S. EPA in Washington, DC.

Erin Holbrook – law clerk with the Center for Environmental and Animal Law (CEAL) in Portland, Oregon.

Candace Howard – law clerk with the Office of the City Solicitor for Baltimore.

Min Kho - intellectual property externship at University of Maryland, Office of Research and Development.

Michael McCarthy - law clerk at Offices of Alan S. Forman.

Anne Merwin – law clerk in the summer EPA Honors Program with the Office of General Counsel, U.S. EPA in Washington, DC.

Megan Moeller – law clerk with Chesapeake Bay Foundation in Annapolis.

Meg Nichols – law clerk with Council Baradel Kosmerl & Nolan, P.A. in Annapolis, MD.

Amy Roth - legal extern with U.S. EPA, Office of Enforcement and Compliance Assurance in Washington, DC.

Matt Shudtz - law clerk for Natural Resources Defense Council in Washington, DC.

Briena Strippoli - legal extern with U.S. EPA, Office of Enforcement and Compliance Assurance in Washington, DC.

Amber Tysor – law clerk at the Environmental Defense Center in Santa Barbara, California.

Katie Wainwright - summer associate with Swidler Berlin LLP in Washington, DC.

Erica Zilioli - summer associate with Beveridge & Diamond in Washington, DC.

Class of 2007

Jonathan Baker – law clerk with the Baltimore City Department of Law.

April Birnbaum – research assistant for Professor Robert Percival, Director, Environmental Law Program, University of Maryland School of Law, and legal extern for the Office of the Maryland Attorney General, Maryland Department of the Environment.

Lauren Bregman – law clerk with the New York State Attorney General’s Environmental Protection Bureau in Albany, New York.

Khushi Desai - research assistant for Professor Robert Percival, Director, Environmental Law Program, University of Maryland School of Law.

Corianne Iacovelli –legal extern with U.S. EPA, Office of Enforcement and Compliance Assurance in Washington, DC.

Evan Isaacson – research assistant for Professor Rena Steinzor, Director, Environmental Law Clinic, University of Maryland School of Law.

Jesse Martin – research assistant for Professor Rena Steinzor, Director, Environmental Law Clinic, University of Maryland School of Law.

David McMurray - law clerk for the American Bird Conservancy in Washington, DC.

Marissa Merrick – summer abroad taking environmental classes in Costa Rico.

Daniel Orlaskey – legal extern for Project 5000, an initiative of the Baltimore City Department of Housing.

Summer Job Report (continued)

Karla Schaeffer – summer abroad taking environmental/international classes in Norway. Also, a research assistant for Professor David Super.

Reena Shah – summer associate with Venable LLP in Washington, DC for first half of the summer and working as a New Perimeter Fellow for DLA Piper Rudnick's International pro bono initiative the second half of the summer.

Eric Sherbine – summer associate with Gallagher, Evelius and Jones in Baltimore.

Jason Smith - research assistant for Professor Rena Steinzor, Director, Environmental Law Clinic, University of Maryland School of Law.

Aparna Sriram – law clerk with the Office of Terry Harris, President, Cleanup Coalition, in Baltimore.

Amber Widmayer – legal extern for the Department of Natural Resources in Annapolis, MD.

Lauren Willis – legal extern with U.S. EPA, Office of Enforcement and Compliance Assurance in Washington, DC.

Alva Wright - legal extern with U.S. EPA, Office of Enforcement and Compliance Assurance in Washington, DC.

Evening Students

John Bascietto – Senior Environmental Protection Specialist, U.S. Department of Energy, Office of Pollution Prevention and Resource Conservation in Washington, DC. In addition, John was a summer legal extern with the U.S. Department of Energy, Office of Assistant General Counsel for Environment.

Elisha Hawk – legal extern with the Coalition to End Childhood Lead Poisoning in Baltimore.

Jee Kim -- program analyst at the Office of Inspector General, Office of Program Evaluations at U.S. EPA in Washington, DC.

Julie Petrulla -- Visitor Program Specialist with the Conservation Education Department of the National Aquarium in Baltimore.

Maryland Environmental Law Society's E-Waste Recycling Project



In the spring of 2005, MELS and the University of Maryland Facilities Management co-sponsored a campus-wide e-cycling event. The net result of the two day e-cycling was collection of 5.7445 tons of electronics equipment. All equipment was properly recycled through a local electronic recycling company with nothing going to the landfill.

ALUMNI UPDATE

As this newsletter was being prepared, an email arrived from a former student's BlackBerry. "I'm sitting on a plane, thinking about where I am and why and thought I'd drop you a line. You're a significant part of the why." The email went on to report not only a significant promotion, but also some thoughts on the challenges of balancing work and family life and the importance of never losing sight of the ideals that inspired one to become involved in environmental work. We are so proud of our alums and delighted to share another report on their accomplishments.

1969

Gerald Winegrad was Vice President for Policy, American Bird Conservancy in Washington, DC until his recent retirement. This past summer, he was an adjunct professor at the law school teaching the seminar, Pollution and Restoration of the Chesapeake Bay.

1974

S. Jacob Scherr is Director, International Program, Natural Resources Defense Council (NRDC) in Washington, DC.

1976

Jane Barrett is a partner with Blank Rome LLP in the Washington, DC office and is co-chair of its white-collar, internal and government investigations practice group. Her practice emphasizes the defense of environmental crimes and complex fraud cases throughout the United States. Ms. Barrett is a member of the American Bar Association's Task Force on Gatekeeper Regulation and the Profession.

1978

Jonathan Libber is an attorney with the U. S. EPA, Office of Enforcement and Compliance Assurance in Washington, DC. Jonathan is responsible for issues relating to the recapture of economic benefit from violators and violator claims of inability to afford compliance, clean-up and civil penalties (see picture).



Jonathan Libber's oldest daughter, Yehudis (Hebrew source for the name, Judith) was married on January 25th. If you take a closer look, you can see Jonathan, the shadowy figure in the middle.

1982

Scott Burns is Director of the Marine Conservation Program at World Wildlife Fund in Washington, DC. He works on international fisheries conservation issues, including work with the private sector and a major initiative to create new discipline for fisheries subsidies in the World Trade Organization. Scott also serves as one of the United States' Commissioners to an international fisheries management body – the InterAmerican Tropical Tuna Commission.

1985

Sean Coleman is an Assistant Attorney General with the Office of the Attorney General and principal counsel to Maryland Environmental Services in Millersville, MD.

Midgett Parker is an attorney with Linowes and Blocher in Annapolis, MD. He is Chairman of the Board of Trustees for the Chesapeake Bay Trust and a member of the Governor's Commission for Protecting the Chesapeake Bay through Sustainable Forestry. He was elected by the Smithsonian Institutes' Regents to the Advisory Board of the Smithsonian Environmental Research Center (SERC).

1986

John Dugdale is a partner with Andrews Kurth LLP in Dallas, Texas, practicing environmental law.

1987

Vanessa Hall Lemmie is a Senior Attorney with the U.S. Department of Transportation, Federal Highway Administration.

Antoinette Sebastian is with the U.S. Department of Housing and Urban Development, Office of Community Viability in Washington, DC.

1989

Eric Easton is an associate professor of law and co-director of the Legal Skills Program at the University of Baltimore School of Law.

Scott Garrison is an attorney with the U.S. EPA, Office of General Counsel, Pesticides and Toxic Substances Law Office in Washington, DC.

Julie Smith is Executive Director, Development and Environmental Services, with the town of Flower Mound, Texas. Her department includes planning services, building inspections, environmental health services/code enforcement, economic development, and environmental resources. Julie has been an adjunct professor teaching graduate-level environmental law and policy classes in the Department of Geography at the University of North Texas.

Pamela Wexler is an associate with The Cadmus Group, Inc., an energy and environmental consulting firm in Rosslyn, VA. Pamela is married and has two sons (see picture).



Pamela Wexler's sons, Seth, age 4 and Eli, age 1 1/2.

Kerry C. Williams is a partner at Chamberlain, Hrdlicka, White, Williams & Martin in Houston, Texas. Kerry's practice is primarily in international oil and gas construction law. He is also a faculty member at Texas A&M, teaching construction law in the Department of Architecture.

1990

Margaret (Maggie) Carson is Chief, Administrative Services, Employment and Training Administration, U.S. Department of Labor. Margaret is very active in the areas of environmentally preferable procurement and energy management.

Susan Chang is an attorney-advisor with the Social Security Administration in San Francisco, CA.

Elizabeth Donley is a Grants and Contract Attorney for the Charlotte Harbor National Estuary Program in Florida. Liz also works part-time as a kayak guide in southwest Florida.

Joe Espo is a partner with the law firm of Brown, Goldstein & Levy in Baltimore, MD.

1991

Stephanie P. Brown is Branch Chief, U.S. EPA, Office of Enforcement & Compliance Assurance, Office of Site Remediation Enforcement in Washington, DC.

Lou D'Angelo is a financial planner and lives in Wexford, PA.

David Fischer is the Director of Government Relations for the American Bird Conservancy. Dave and his wife Joy have four children (see picture).



Dave Fischer's children, Kaedy, age 11, Liam, age 8, Tomas, age 6 and Ana, age 4.

Erin Fitzsimmons is the Chesapeake Region Coordinator for the Waterkeeper Alliance in Annapolis, MD. Erin works with waterkeeper programs in the Chesapeake and Delmarva Coastal Bays Watersheds.

Lisa Gladden is a Member of the Maryland State Senate (D), 41st District.

Cynthia Golomb is a sole practitioner in Columbia, MD.

Joshua Gordon is an appellate attorney and practices before the New Hampshire Supreme Court and in the Federal 1st Circuit. His website is www.appealslawyer.net.

Ann Hobbs is a partner with Venable LLP in Washington, DC.

John Hopkins is with the corporate legal department of Camp Dresser & McKee, Inc., in Cambridge, MA. CDM is a global consulting, engineering, construction and operations firm.

Safia Mohammadally Kadir is an attorney with Heise Jorgensen & Stefanelli in Gaithersburg, MD.

John Kalas is Vice President at JP Morgan Chase in New York. John is married to Peggy Rodgers Kalas, '91.

Peggy Rodgers Kalas is the UN Coordinator for the Deep Sea Conservation Coalition (DSCC). The DSCC is an alliance of over 30 international organizations calling for a moratorium on high seas bottom trawling.

Kyriakos Marudas is Assistant City Solicitor for the City of Baltimore. Last summer, Kyriakos premiered a movie which he wrote, "Pizza Palace," at the historic Senator Theatre in Baltimore with over 800 guests in attendance. He hopes to screen it in selected cities this fall.

1992

Linda Bailey is Executive Director of the North American Quiltline Consortium at the American Legacy Foundation in Phoenix, AZ.

Margaret Curtin Begley is Senior Counsel with Pioneer Group, Inc., in Boston, MA.

Kathleen Hoke Dachille is Director of the Center for Tobacco Regulation, Litigation and Advocacy at the University of Maryland School of Law.

Christopher Hamaty is Director of Intellectual Property for McAfee, Inc. in Plano, TX.

Carol Iancu is an Assistant Attorney General at the Massachusetts Attorney General's Office, in Boston. She has been working on national climate change litigation and LNG facility siting litigation in addition to a broad range of other environmental issues.

Thomas Lavelle is an associate at Booz Allen Hamilton. He is Senior NEPA Advisor for the Environmental, Safety and Occupational Health Compliance Team. Current clients include EPA, FAA, U.S. Postal Service, and the Department of Homeland Security. Tom lives on Kent Island with his wife and their two children.

Kenda Layne is a Special Assistant at the U.S. Attorney's Office in Washington, DC.

Frank Levi is an environmental attorney with the U.S. Army focusing on Base Realignment and Closure (BRAC). He is the Deputy Chief Counsel for the Army's Installation Management Agency in Crystal City, Virginia. Frank handles all aspects of environmental law arising out of the operation of Army installations as well as other legal issues facing the Army. He continues his affiliation with the Air Force Reserves, serving as a reserve judge advocate at Andrews Air Force Base.

Emily Vaias is a partner at Linowes & Blocher, LLP.

1993

Ali Alavi is Vice President-General Counsel & Secretary of Horsehead Corp. in Monaca, PA. In addition to serving as the company's chief legal officer, Ali also has responsibility for government and public affairs. Horsehead Corp. is one of the largest domestic producers of zinc metal, zinc oxide, and other value-added zinc products. It recycles over 400,000 tons of zinc-bearing material that otherwise would be placed in landfills.

Wib Chesser is a partner at Arent Fox in Washington, DC. Wib is married and has one son.

Lisa Satterfield Daly is Assistant Legislative Counsel to the United States House of Representatives. Lisa assists Congress by drafting legislation related to American Indians, territories, natural resources, and agriculture and by analyzing policy related to such legislation.

Catherine Faint is a trademark attorney for the U.S. Patent and Trademark Office in Washington, DC.

Lorraine Ebert Fraser is an Administrative Law Judge for the Maryland Office of Administrative Hearings located in Hunt Valley, MD. Lorraine lives with her husband Keith and daughter in Annapolis, MD (see picture).



Lorraine Fraser's daughter, Elise Patricia, born on April 5.

Glenn Isaac is a Fair Practices/Equal Employment Opportunity Officer with Bowie State University.

Pamela Metz Kasemeyer is a partner with Schwartz & Metz, P.A., in Baltimore, MD. The firm represents multiple interests before the Maryland General Assembly and State regulatory agencies.

Karin Krchnak is Director of International Water Policy with the Nature Conservancy's Sustainable Waters Program at the Worldwide Office in Arlington, VA.

Melisa Moonan is a junior partner at Wilmer Cutler Pickering Hale and Dorr in Washington, D.C. where she focuses on FDA law.

Maureen O'Doherty is a sole practitioner in Torrington, Connecticut.

Colleen Ottoson is an attorney with P.A.T.H. (Program for Appropriate Technology in Health), negotiating and drafting agreements for a project that is developing a low-cost meningitis vaccine for use in Africa. She lives in France with her husband and daughter.

Mary Raivel is an attorney on the environmental litigation team at the Navy Office of General Counsel in Washington, DC.

James Smiley is an attorney with the Law Offices of Joseph M. Jagielski in Baltimore, MD. James and his wife Nancy have three boys, ages 5, 3 and 1.

Ruth Waxter is a partner with her husband Scott Waxter, '93, at Waxter & Waxter in Frederick, MD. Ruth and Scott have three boys, Grant, 8, Quinn, 6, and Bryce, 3.

Scott Waxter has his own practice, Waxter & Waxter, with his wife, Ruthie Waxter, '93, located in Frederick, MD.

1994

Lori Bruun is an Administrative Appeals Officer, INS, Citizenship and Immigration Services in Washington, DC. Lori is married and has a daughter.

Lauren Calia is Assistant Attorney General for the Consumer Protection Division, State of Maryland.

Carrie Capuco has her own consulting firm, providing program management and communications services in three major areas – government, non-profit, and private sector clients. Her office is in Annapolis, MD.

Kathryn Delahanty teaches full-time at Towson University in the College of Business and Economics.

Jeanne Grasso is partner with Blank Rome LLP in Washington, DC, specializing in maritime and environmental law, including white collar defense, internal investigations, and compliance audits.

Steven Groseclose is Global EHS Director with Advanced Micro Devices in Austin, TX. He is married to Jael Polnac, '94, and they have 3 children, Henry, age 5, Gray, age 3, and Annabel, age 1.

John Knight is a partner at Richards, Layton & Finger in Wilmington, Delaware. He and his wife Dee have two children.

Jennifer Miller Masuret is a stay-at-home mom with four children and resides in Scituate, MA (see picture).



Jennifer Miller Masuret with husband Brad and children, Lucy, Luke, Maggie & Joey.

Dave McRae is an associate with Griffin, Farmer & Murphy, LLP., in Washington, DC. Dave and his wife Sharon have twin daughters and one son.

Shannon Miller is a sole practitioner, practicing elder law and estate planning. She recently hired an associate attorney. She lives in Gainesville, Florida with her husband and two children.

Douglas Moorhead is assistant regional counsel with the Pennsylvania Department of Environmental Protection in Meadville, PA. Douglas and his wife reside in Blackash, PA, and have two children.

K.C. Murphy is a part-time attorney for DeLeonardo & Associates in Reisterstown, MD, with a concentration on criminal defense cases. KC and her husband have two children.

Jael Polnac lives in Austin, TX with her husband, Steve Groseclose, '94. In addition to taking care of the Groseclose/Polnac household, Jael serves on the Board of Directors for Primavera Montessori School.

Carol Rowan is Supervisory Economist with the U.S. Dept. of Labor, Bureau of Labor Statistics. Carol is married and has a son, Zachary.

Amy Santin is a medical student at the University of North Carolina. She lives in Chapel Hill, NC with her husband and two sons, Henry and Braxton, and 15 year old stepson.

Kim Strasser is a collegiate faculty professor at the University of Maryland University College teaching Legal Research and Legal Writing in the Legal Studies Program. Kim has two children, Kevin, age 9 and Tara, age 5.

Rob Wing is an attorney with the U.S. EPA, Office of General Counsel, Pesticides and Toxic Substances Law Office, in Washington, DC.

1995

Dolly Alevizatos is an intellectual property associate for Torys in New York City.

Natalie Anderson is regulatory counsel with Stateside Associates tracking environmental regulations for corporate clients.

Steven Anderson is Director of the Maryland State Law Library in Annapolis, MD. Steve and his wife Sue Hoscheit, '96, have a son, Matthew, age 10.

Theresa Boutchyard is a sole practitioner in Harford County, MD, practicing mostly estate law.

Lauren Buehler is part-time associate with Fognani Guibord & Homsy in Denver, CO, and full-time mom to a very active two-year old.

Jake Caldwell is the Program Director for Trade, Agriculture, and Energy at the Center for American Progress in Washington, DC.

Michael Caplan is an environmental associate with Willkie, Farr & Gallagher in Washington, DC. In spring 2006, Mike will be teaching the Advanced Environmental Law Seminar: US & EU Approaches to Regulating Chemicals, Biotechnology and Nanotechnology at Georgetown University Law Center.

Stephen Dolan is an attorney with Norton Rose in Brussels, Belgium.

Catherine Giovannani is of counsel at Steptoe & Johnson, LLP. Catherine represents Southern California Edison Company in its efforts to get the federal government to ensure just and reasonable rates for electricity in the West.

John Kang is partner with Harrington & Kang, LLP in Newport Beach, CA. In addition to corporate and real estate transactions, they are expanding the practice areas into litigation and wills and trusts. John and his wife Agnes have two children, Rachel, age 4 and Brandon, age 2.

John Kelly is a senior associate practicing commercial real estate law for the law firm of Willcox & Savage in Norfolk, Virginia.

Michael Levy is an associate with Kenyon & Kenyon in New York. Michael and his wife, Daniela, have two children.

Fred Schoenbrodt is an attorney with the firm of Dillon, Bitar & Luther in Morristown, New Jersey, where he focuses his practice on tax law, business law, trusts and estates, and fiduciary litigation. Fred and his wife Nicole have two sons.

Linda Jenner Shevlin resides in Pennsylvania with her husband and three children.

Jean-Cyril Walker is an associate with Keller & Heckman, LLP practicing environmental law and representing industry and trade associations at the federal and state level.

John Woolums is Director of Governmental Relations, Maryland Association of Boards of Education.

1996

Jocelyn Adkins is an attorney with the U.S. EPA, Office of General Counsel, International Environmental Law Office.

Jennifer Bragg is an attorney with King and Spalding in Washington, DC. Jen is a member of the food and drug group and does litigation and regulatory work, mostly for pharmaceutical manufacturers.

Michael Carlson is a senior associate with Anderson, Coe and King in Baltimore, MD. Mike is married and has two children.

Fei Fei Chao is an attorney with Bingham McCutchen in Washington, DC, practicing patent law.

Richard J. Facciolo is an associate with Richards, Layton & Finger in Wilmington, DE.

Robert Hogan is an Enforcement Attorney in the NOAA, Office of the Assistant General Counsel for Enforcement and Litigation. His responsibilities include enforcement of our nation's natural resources laws in the marine environment.

Elizabeth Gaudio Milito is an attorney with the National Federation of Independent Business in Washington, DC. Beth and her husband live in Alexandria, VA.

Chris Van de Verg is General Counsel for Core Communications, Inc., in Annapolis, MD.

Susan Winchurch is an associate with Mulrenini Frances, P.A. in Annapolis, Maryland, practicing in the area of commercial real estate, with a concentration on leasing and development work.

1997

Carrie Bland is an Assistant State's Attorney for Baltimore City's State's Attorney Office in the Felony Narcotics Division.

Pat Deem is an attorney for the Federal Aviation Administration in their Airports and Environmental Law Division in Oregon. Pat and her husband live in Portland, Oregon and have two boys, Brogan and Finnegan "Finn."

John Favazza is Legislative Counsel to Michael E. Busch, Speaker of the Maryland House of Delegates.

Mike Gieryic is an environmental attorney with the U.S. Army's Office of the Staff Judge Advocate in Fort Richardson, Alaska.

Rachel Jean-Baptiste is Associate Editor/Senior Attorney with the Environmental Law Institute. She and her husband, Carl '97, have a daughter, Colette Anabelle.

Ray Kempisty is an outreach coordinator with the National Cemetery Administration.

Jennifer Lundgren Lewis is General Counsel at Spectera, Inc., a national health/dental care provider company headquartered in Baltimore, MD. Jennifer recently traveled to Egypt visiting the Great Pyramids and Pharaoh's tombs in the Valley of the Kings (see picture).



Jennifer Lewis visits Egypt.

Robin Schoeps Lewis is working part-time for Pesticide Action Network – UK, on international pesticide law and policy in London.

Brian Perlberg is Director of Government Affairs and General Counsel for Design-Build Institute of America in Washington, D.C. Brian and his wife Rebecca Hirshorn, '98, recently moved to Vienna, Virginia.

Mark Petrauskas is an assistant attorney with the Maryland Department of Housing and Community Development and with the Maryland Historical Trust. Practice areas include real estate, government housing

loans/grants, historic preservation, and general government law. He is married to Cindy and they have two boys, Jack, age 6 and Evan, age 4.

Jane O'Leary Ruckdeschel is a full-time mom taking care of her daughter, Augusta Jane born August, 2004. Jane is married to Jon Ruckdeschel, '97 (see picture).



Jane O'Leary Ruckdeschel's daughter, Augusta Jane born August 2004.

Howard Stevens is a partner with the Baltimore law firm of Wright, Constable & Skeen, LLP, where he is one of three partners in the firm's Construction Law Group. Steve's primary practice area is construction litigation, representing a wide range of construction participants including contractors and design professionals.

Cheryle Wilson is a land use attorney for Bechtel Corporation's Telecommunications and Industrial Global Business Unit in Frederick, MD.

1998

Curtis Borland is a Deputy Chief, Office of Environmental and Real Property Law for the U.S. Coast Guard. He recently received his LL.M. in environmental law from George Washington University.

Todd Hooker is counsel at Lowenstein Sandler in Roseland, New Jersey. Todd works on a broad range of matters, involving environmental and occupational safety and health law. He has been an adjunct professor at Rutgers University School of Law teaching a seminar on Toxic Torts.

Loan Phan Nguyen is an attorney with the U.S. EPA in Washington, DC.

Joseph Pelletier is Deputy Assistant General Counsel Fair Housing Enforcement Division, Office of General Counsel, U.S. Department of Housing and Urban Development (HUD) in Washington, DC.

Jerrold Poslusny, Jr. is a junior member with Cozen O'Connor in Cherry Hill, NJ. Jerry and his wife have a daughter, Sophie Marie, age 3.

David Thomas is an associate with Preston Gates Ellis & Rouvelas Meeds, LLP in Washington, DC. David lobbies for and advises clients on a range of federal legislative and regulatory matters before Congress and various agencies. David is married and has a three year old daughter, Grace.

Mary Ledwell Weidenbach is an associate with Riemer & Braunstein in Boston, MA.

1999

Stuart Barr is an attorney with Lerch Early & Brewer in Bethesda, MD. Stuart focuses on a wide range of land use, planning and zoning matters primarily in Montgomery County, Maryland. Stuart and his wife Tracy Spriggs Barr '00, have a daughter, Cora Alane.

Katy Byrne is an Assistant County Attorney with Anne Arundel County Office of Law in Annapolis, MD.

Apple Chapman is a Staff Attorney at the U.S. EPA, Office of General Counsel, Air and Radiation Law Office, in Washington, DC. Apple is currently on maternity leave until October. She is married to Paul Versace, '99, and they have two children (see picture).



Apple and Paul Versace's sons, Rios, age 3 and Dino, age 4 months.

Linda Coco is finishing her Ph.D. in Legal Anthropology at the University of California, Berkeley. She taught in the Anthropology Department this past summer. Her article "War, Militarization, and the Environment," was recently published by the Institution of International Research.

Philip Diamond is an attorney with Gallagher, Evelius and Jones in Baltimore, MD.

Kimberle Dodd is an associate with Sidley Austin Brown & Wood in Washington, DC, practicing in the environmental, civil litigation and government contracts areas (see picture).



Kim Dodd stands in front of two huge pyramidal adobe structures called Huaca del Sol, the Temple of the Sun, and Huaca de la Luna, Temple of the Moon, on vacation to Peru.

Chuck Dodge is an associate with Hudson Cook, LLP in Linthicum, MD. Chuck is married to Hollie Paine Dodge, '99, and they have 2 children (see picture).



Chuck Dodge's recent addition, Charles, "Charlie" age 9 months.

Michael Forlini is an attorney with Miles & Stockbridge in Baltimore, MD.

Tom Fort is an associate counsel at Naval Air Systems Command in Patuxent River advising several Marine Corps aviation programs. In his Marine Corps Reserve capacity, Tom has been mobilized in support of the global war on terrorism.

Peter Johnson is an Assistant Federal Public Defender with the Office of the Federal Public Defender for the District of Maryland in Greenbelt, MD.

Nicole Lacoste is an associate focusing on land use, planning and zoning matters with Ballard Spahr Andrews & Ingersoll, LLP in Baltimore. Nicole was recently elected Chair of the Planning and Law Division of the National American Planning Association.

Mila Leonard Neubert is a sole practitioner in Fairbanks, Alaska practicing mostly family law.

Bill Piermattei is an attorney with Venable, LLP in Baltimore, MD.

Teju Rau is a sole practitioner in Annapolis, Maryland, providing representation in family law, adoption, and estates and trusts cases. She is a Paca-Brent Inns of Court board member and 2005 MSBA Leadership Academy fellow. Teju lives in Ellicott City with her spouse, son and dog.

Alison Rosso is Legislative Director with Congressman Silvestre Reyes (D-TX) in Washington, DC.

Lori Schectel is a Regulatory Specialist with the San Francisco Public Utilities Commission (see article on page 11).

Daniel Schreier is Director of Special Education in the Chicopee Public Schools in Springfield, MA. Dan and his wife have twin girls, Molly and Emma.

Yosefi Seltzer is the legislative aide for Maryland Senator Ida G. Ruben (District 20, Montgomery). Senator Ruben is the President Pro Tem and the chair of the Montgomery County Senate delegation. Yosefi conducts legislative research on a wide variety of issues including transportation, land use and environmental matters, drafts speeches and other statements and assists with constituent services.

John Shoaff is an attorney with the U.S. EPA, Office of Prevention, Pesticides and Toxic Substances advising on standards and trade issues.

Jennifer Brune Speargas is Associate General Counsel with Legg Mason in their Regulatory Affairs Department.

Paul Versace is a Staff Attorney with U.S. EPA, Finance and Operations Law Office in Washington, DC. Paul is married to Apple Chapman, '99, and they have two children, Rios, age 3 and Dino born on May 2, 2005.

Charlie Wagner is an attorney with Blank Rome LLP in Washington, DC. He practices in the areas of environmental law, hazardous materials transportation law, explosives regulation and white collar crime defense.

Michael Woodruff is an associate with Drinker Biddle & Shanley LLP, practicing commercial real estate, including conveyancing, leasing, financing, and land use. He and his wife Georgia live in Branchburg, NJ.

2000

Brian Anderson is a real estate/business associate with Axley Brynson, LLP in Madison, Wisconsin.

Tracy Spriggs Barr works part-time from her home office for the law firm of Campbell, Miller and Zimmerman. Tracy is married to Stu Barr, '99, and they have a daughter, Cora Alane.

Jennifer Marie Bushman is an attorney with the Office of Public Defender in Salisbury, MD.

John Cannan is an associate with The Law Offices of John C. Murphy in Baltimore, working on historic preservation, condemnation, land use and community rights cases.

Valerie Csizmadia is an attorney with the Delaware Department of Justice representing the Delaware Department of Natural Resources & Environmental Control.

Paul DeSantis has his own appellate law practice in Bel Air, MD, handling both state and federal appeals from all over Maryland and also general litigation. In May 2005, Paul married Sarah Otwell, '01.

Kevin Flynn is an associate with Van Ness Feldman in Washington, DC. His firm specializes in energy, environmental and natural resource law.

Joanna Goger is teaching Introduction to Environmental Law at the University of Maryland College Park this fall. Joanna, her husband Jason, and their daughter Madeline live in Severna Park, MD (see picture).



Joanna Goger's daughter Madeline, age one.

Melissa Hearne recently left her position as an associate with DLA Piper Rudnick Gray Cary US LLP and will be heading overseas in September with the Peace Corps. Melissa will be spending the next two years in Macedonia working with nongovernmental organizations and non-profits, learning Macedonian and soaking up the culture of the former Yugoslav republic.

Lee Ann Lezzer is an attorney-advisor for the U.S. Department of Housing and Urban Development (HUD), Office of General Counsel, in Washington, DC. Her work includes enforcement of the Residential Lead-Based Paint Hazard Reduction Act of 1992 as well as the Real Estate Settlement Procedures Act (RESPA) and the Interstate Land Sales Full Disclosure Act. Lee Ann is engaged to Chris Richardson, a legislation attorney for HUD, and will be married in September '05.

Bridget Littlefield is an associate with Crowell and Moring LLP working a part-time schedule that allows her to spend time at home with daughters, Laura, age 4 and Julia, age 1.

Jennifer Marshall is the Executive Director of the Center for Progressive Reform, a 501(c)(3) nonprofit that has assembled 40 university-affiliated academics with expertise in the legal, economic, philosophical, and scientific issues related to regulatory and common law protection of health, safety, and the environment. Jennifer is married and has two children.

Mark Matulef was elected to the Hyattsville City Council. He was elected to a fourth term on the Maryland State Bar Association Environmental Law Section Council and will be chairing an upcoming MICPEL program on environmental dimensions of real estate transactions. Mark and John Canaan, '00, had an article on conservation easements published in the Maryland State Bar Review. Mark works at HUD headquarters as an attorney to FHA's single-family housing programs. In August, 2004, Mark and his wife, Dolores, welcomed triplets, Sam, Lydia and Nora into the family.

Marvin Muller III has a solo immigration practice in Silver Spring, MD. He represents foreigners from all over the world, especially Central and South America.

Quang Nguyen is the Special Assistant to the Deputy Administrator of the Transportation Security Administration (TSA), within the Department of Homeland Security in Arlington, VA.

Claudia Rozenberg is Strategic Research Coordinator with the Teamsters Union in Washington, DC.

Kerstin Schuster is a budget analyst with the Social Security Administration in Baltimore, MD.

Melanie Shepherdson is a Staff Attorney with the Natural Resources Defense Council's Water and Coastal Program in Washington, DC. Melanie focuses on Clean Water Act litigation and policy.

Lisa Shipley lives in Venice, California and works in broadcasting for Direct TV. She also is a volunteer attorney for the Legal Aid Foundation of Los Angeles (LAFLA) at their Inglewood location.

Cynthia Tippett is Coordinator of the Health Care Program at the University of Maryland School of Law. Cindy is married and has a son (see picture).



*Cindy Tippett's son,
Ben, age 2.*

Evan Wolff is an attorney with Mitre Corporation working with the Department of Homeland Security on infrastructure protection issues. Evan will be a Senior Fellow at George Washington University's Homeland Security Policy Institute for the year 2005.

2001

James Benjamin, Jr., is Assistant City Solicitor with the Baltimore City Department of Law's Litigation Division. James had his article entitled "The EPA's Final Rule Lowering Reporting Thresholds of Lead and Lead Compounds, EPCRA 313 and TRI: The Impact on Low-Income Communities," published in the *University of Baltimore Environmental Law Journal*.

Emily A. Berger is an associate with the Intellectual Property law firm of Lowrie, Lando & Anastasi in Cambridge, MA.

Jon Cardin is a State Delegate, (D), District 11, Baltimore County. Jon will again be sponsoring a number of anti-smoking and smoke free Maryland bills. In addition, he will continue to introduce legislation to create incentives for fuel efficiency and improving clean air/water standards. Again this year, Jon placed in the top 20% in the Columbia Triathlon.

John Celeste is an associate with Miles and Stockbridge in Baltimore, MD.

Jonathan Cusson is an associate with Anderson, Coe & King, LLP, in Baltimore, MD.

Michele Dunlop is General Counsel and Senior Information Analyst at OnPoint, Corp., in Arlington, VA. Michelle will be married in Ocean City, MD on September 24, 2005.

Sara Cohen Fidler is senior policy analyst with the Department of Legislative Services in Annapolis, MD. She is also committee counsel for the state senate education, health, and environmental affairs committee. Sara and her husband Joel recently had a baby boy (see picture).



Sara Cohen Fidler's son Samuel born on May 12, 2005.

Terry Harris has a general and environmental practice in Baltimore. Terry is President of the Cleanup Coalition, a small Baltimore-based non-profit, working with communities on issues involving brownfield redevelopment, emergency response, and air, waste and water permitting.

Jeffrey Herrema is an attorney at the U.S. EPA, Office of General Counsel in Washington, DC.

Leslie Hill is a patent litigation associate with Arnold & Porter LLP in Washington, DC.

Gregory Hope is Branch Chief of the Water Quality Control Branch for the District of Columbia's Environmental Health Administration. Gregory and his wife have 2 children, Noah and Nia.

Melinda Kramer is an attorney-advisor with the U.S. Securities & Exchange Commission in Washington, DC. Melinda and her husband have two children.

Eric Letvin is Department Head, Natural Hazards Engineering, Greenhorne & O'Mara, in Greenbelt, MD.

James Lichty is an attorney for McAngus Goudelock & Courie in Columbia, S.C. Jim was married in April of this year (see picture).



Jim Lichty and Angie Ward on honeymoon in Virgin Gorda, BVI.

Chad Littleton is an attorney-advisor with the Office of Environmental Enforcement at the U.S. EPA, in Washington, DC.

Gail Orendorff is an attorney with the Federal Aviation Administration in their Airports and Environmental Law Division. Gail was recently married (see picture).



Gail Orendorff married Barry Weiner on October 9, 2004.

Michael Strande is managing attorney with the Center for Tobacco Regulation at the University of Maryland School of Law. Mike and his wife Jessica recently had a baby girl (see picture).



Mike Strande at the pool with daughter Sophia born on March 23, 2005.

Michelle Vanyo is an associate with Wharton, Levin, Ehrmantraut, Klein, Nash in Annapolis, MD. Michelle and her husband Wade, are expecting their first child in September.

Wade Wilson is an associate in the litigation section of Morgan, Lewis & Bockius in Washington, DC.

2002

Andrew Brought is an environmental associate with Baker Botts LLP in Houston, TX.

Rob Cage is an Economist with the Bureau of Labor Statistics in Washington, DC.

Ariel Close is an attorney with DeHay & Elliston in Baltimore, MD.

Margaret Clune is a policy analyst at the Center for Progressive Reform in Washington, DC. She will receive her Master of Community Planning from the University of Maryland in December 2005, with a specialization in land use and environmental planning. In January, 2005, she became engaged to Bryan Giblin, a 2001 graduate of the University of Maryland School of Law. Margaret and Bryan will marry in the summer of 2006.

Chris Corzine is an assistant attorney general for the Maryland Department of the Environment in Baltimore, MD.

Quentin Kent is working for the Department of Homeland Security as a Judge Advocate General (JAG) officer in the U.S. Coast Guard's Office of Legislation. He is married and has four children.

Jeanny Kim is an assistant attorney general for the Maryland Department of the Environment in Baltimore, MD.

Jani Laskaris is an associate with Hartel, Kane, DeSantis, MacDonald & Howie, L.L.P. in Greenbelt, MD.

Brooks Morton is with ADI Technology, Inc./ PerotSystems Government Services. Brooks works on environmental policy for the Naval Sea System Command.

Greg Schaner is an attorney-advisor with the U.S. EPA, Office of Water in Washington, DC. Greg and his wife Sharon have a son, Gabriel, age 9 months.

Daniel Smith is an attorney with the Department of Justice, Environment and Natural Resources Division in Washington, DC.

Shawn Steel is an attorney-advisor with the U.S. Coast Guard Office of Administrative Judges in Baltimore, MD.

Jessica Stuart is legal counsel for the Chlorine Chemistry Council, a business council of the American Chemistry Council in Arlington, VA.

Mark Sullivan is an associate in the Intellectual Property-Patent Law section at Morgan, Lewis & Bockius LLP in Washington, DC.

Jeffrey Barmach is an assistant county attorney with Baltimore County.

Karyn Bergmann is an attorney with the Law Office of Peter Angelos in Baltimore.

Andi Thomas Bernat is an attorney with the Humane Society of the United States, Government Affairs Department, doing state lobbying on animal protection legislation.

Andrew Bokan is an attorney with Fowler, White, Boggs & Banker in Tampa, FL, practicing employment litigation.

Michael Collins is an associate with Richards, Layton and Finger, P.A., in Wilmington, DE. He married Nicole Lehe on May 28, 2005 in Lafayette, IN.

Katherine Eller is an associate with Beveridge & Diamond in Baltimore, MD.

Amy Garvin is an associate with Maslan Brown & Associates LLP in Darien, Ct., specializing in real estate, land use and development, in Fairfield County.

Christopher Gozdor is a staff attorney with Maryland's Office of the Attorney General, Department of Health and Mental Hygiene.

Ted Hilke is an associate with Graham, Curtin & Sheridan in Morristown, NJ.

Shana Jones is a law clerk for the Honorable Robert Doumar of the U.S. District Court in the Eastern District of Virginia. Shana and her husband live in Norfolk, VA.

Jon Kallen is Chief of Environmental Affairs and Compliance for Maryland Environmental Services (MES). MES is a public, not-for-profit company which is also an independent state agency. John is married and has one son (see picture).



Jon Kallen's son, Carter, age one.

Tracy Kulikowski lives in Redding, CT with her husband, Karl and son, Mason, and works part-time in the Office of the Owner's Representative for the Weston, CT School Building Program (see picture).



Tracy Kulikowski's son Mason, age 19 months.

Jomar Maldonado is with the Federal Emergency Management Agency's Environmental and Historic Preservation Team at the Department of Homeland Security. He is an environmental program specialist assisting FEMA's environmental officer in the preparation and execution of the agency's environmental regulations and policies and making sure that the agency complies with the appropriate environmental laws and requirements as they relate to its mission.

Christina McGarvey is an associate with Vinson & Elkins LLP in Washington, DC. She is married and has two sons (see picture).



Christina McGarvey with sons, Ben and Paul, at the Columbus Zoo in Ohio.

Roy Potter is a primary patent examiner at the United States Patent Office.

Alan Sachs is an environmental associate with Beveridge & Diamond in Washington, DC.

Matthew Steinhilber is an associate with Ballard Spahr Andrews & Ingersoll in Baltimore, MD.

Gemma Vestal is Legal Officer/Scientist with the World Health Organization in Geneva, Switzerland.

Kristen Klick White is an associate in the environmental practice group at Arnold & Porter in Washington, DC. She and Rob are the happy parents of a baby boy (see picture).



Kristen Klick White's son George Eli born on October 1, 2004.

2004

Katherine Baer is a policy analyst with the Center for Progressive Reform (CPR) in Washington, DC, working on a variety of environmental and public health issues including law and science.

Emily Baine is Assistant Counsel with the U.S. Army Corps of Engineers in Huntsville, AL. In April 2005, she presented the paper "Mitigating the Possible Damaging Effects of Twentieth-Century Ocean Dumping of Chemical Munitions" at the 8th International Chemical Weapons Demilitarisation Conference in Edinburgh, Scotland.

Ryane Bellarin Necessary is a policy analyst with the Department of Legislative Services in Annapolis, MD. Ryane was married to Kevin Necessary in October, 2004 and in July 2005 they had their honeymoon in Hawaii.



Ryane Bellarin Necessary with her husband Kevin on their honeymoon in Hawaii.

Christie Biggs is assistant state attorney with the Pinellas County State Attorney's Office in Clearwater, Florida.

Jonathan Dowling is an attorney with the U.S. Navy JAG Corps.

Jaclyn Ford is an attorney with the Department of Interior, Fish, Wildlife, and Botany Group, working primarily on Endangered Species Act issues.

Dan Fruchter is an attorney with the U.S. Nuclear Regulatory Commission in Washington, DC.

Mary Kelley is a law clerk for the Honorable Nancy Davis-Loomis at the Anne Arundel County Circuit Court.

Lonnie Kishiyama is a Coast Guard JAG attorney working at the Department of Homeland Security's Office of the General Counsel in Washington, DC.

Mala Malhotra is a Presidential Management Intern with the Department of Transportation, Office of International Aviation.

Richard Mattick is an environmental scientist with the U.S. EPA, Office of Underground Storage Tanks in Washington, DC.

Kelly Pfeifer is a staff attorney for the Pro Bono, Small Business, and Environmental Justice Projects with the Community Law Center in Baltimore.

Brian Pinkkam is in the Masters Program in International Commercial Arbitration Law at Stockholm University.

Paige Poechmann is an attorney with Poole & Poole in Fernandina Beach, Florida.

Alison Prost is an attorney with Coalition to End Childhood Lead Poisoning in Baltimore, MD.

Stephen Pyle is an associate with Dyer & Associates in McAllen, Texas.

Ray Schlee is a civilian attorney with the U.S. Army Corp of Engineers in Tulsa, Oklahoma. He recently married his college sweetheart, Christina Richardson, who is a teacher.

Greg Schwab is an attorney with Saul Ewing LLP in Philadelphia, PA.

Paul Sorisio is a law clerk for the District Court of Maryland for Allegany County. Paul will marry Mary Kelley, 04, on September 24th in Hanover, New Hampshire.

Zhen Zhang is an environmental associate with Rich and Henderson in Annapolis, MD.

2005

Lauren Axley is a law clerk for Judge Michele Jaklitsch of the Anne Arundel County Circuit in Annapolis, MD.

Russell Bowman is an officer in the U.S. Coast Guard. He is now on duty at the Coast Guard's First District Legal Office in Boston, Massachusetts. He will then attend the Naval Justice School in Newport, Rhode Island to become a Judge Advocate.

Sarah Brull is law clerk with Judge James P. Salmon of the Maryland Court of Special Appeals in Upper Marlboro, MD.

Jennifer Bevan-Dangel is a staff attorney/advocate for Maryland Public Interest Research Group (MaryPIRG).

Ami Grace is an associate with Beveridge & Diamond in Washington, DC. Ami will be married on September 17, 2005.

Cortney Madea is a law clerk for Judge William M. Nickerson of the U.S. District Court for the District of Maryland.

Jessica Meeder is a law clerk for Honorable Robert M. Bell of the Maryland Court of Appeals.

Jonathan Nwagbaraocha is a full-time student at the University of Maryland, School of Public Policy, and will receive a masters degree in Public Policy-Concentration in Environmental Policy in May 2006.

ENVIRONMENTAL ALUMNI JOIN 2005 GRADUATES RECEIVING ENVIRONMENTAL CONCENTRATION



Back row left to right: Jennifer Marshall, '00, and daughter Analeigh, Adm. Asst. Carole Marshall, Bill Piermattei, '99, Wade Wilson, '01, Terry Harris, '01, Jeff Herrema, '01, Joanna Goger, '00, and daughter Madeline, Tracy Kulikowski, '03, and son Mason, Dan Smith, '02.

Middle row: Jessica Meeder, '05, Zara Friedman, '05, Sandra Young, '05, Jonathan Nwagbaraocha, '05, Russ Bowman, '05, Professor Bob Percival, Professor Rena Steinzor, Professor Kerry Rodgers, Ryane Bellarin Necessary, '04.

First row: Ami Grace, '05, Lev Guter, '05, Jennifer Bevan-Dangel, '05, Ulka Patel, '05, Cortney Madea, '05, Environmental Coordinator Laura Mrozek.

ENVIRONMENTAL ALUMNI, FACULTY AND STUDENTS

14TH ANNUAL ENVIRONMENTAL LAW WINETASTING

FRIDAY, NOVEMBER 11, 2005

6:30 P.M.

WESTMINSTER HALL

R.S.V.P. TO LAURA MROZEK AT LMROZEK@LAW.UMARYLAND.EDU