

Environmental & Molecular Toxicology

[EMT Home](#) » [Announcements](#) » Current Newsletter.

EMT Quicklinks

[About the Department](#)

[People](#)

[Announcements](#)

[Seminars](#)

[Newsletter](#)

[Graduate Program](#)

[Undergraduate Minor](#)

[Collaborative Projects](#)

[Extension & Outreach](#)

[Alumni](#)

[Support EMT](#)

[Forms](#)

[Sitemap](#)

OSU Links

[College of Agricultural Sciences](#)

[Exploring Oregon](#)

[OSU Disclaimer](#)

[OSU Extension Services](#)

[OSU Library](#)

Google Search

OSU EMT



Dept. Of Environmental & Molecular Toxicology Newsletter

2006, Issue 9

July 1, 2006

WELCOME NEW EMPLOYEES



Masa Safic - NPIC



Suzanne Phillips - 6/19/06 - NPIC



David Farrer - 7/5/06 - Post Doc
Research Associate, Kerkvliet Lab

GOODBYE AND THANK YOU

Tania Porter (fka Lang) has left the department and is now employed full-time as an Office Specialist II in the AREC Department. You can stop by and say "Hi" to her in 213 Ballard Hall or give her a call at 737-1396.

Mark Reimers of the Tanguay Lab has left the department to pursue a career with the Federal Government in Washington DC.

Eric Anderasen of the Tanguay Lab has also left the department to pursue a new position in Washington DC, with the FDA.

Sibghat Lari of the Bennett lab has left the department and relocated to Edmonton, Alberta, Canada where he will be pursuing new career opportunities.

Ralph Reed of the Field lab has left the department after 28 years, and has taken a new position in the College of Pharmacy working with Dr. Fred Stevens. We wish him all the best for this new career adventure.

Bonnie Tam of NPIC has left the department and relocated to Montana where she has taken a position in Glacier National Park.

Sebastian Carrasco of NPIC has left the department and will be attending graduate school at UC-Davis in the Fall.

Nick Chambers of NPIC has left the department and has taken a new position with the Oregon Department of Agriculture.

Laura Opsommer of NPIC has left the department and relocated to Virginia to pursue new career opportunities.

Crista Chadwick of NPIC has left the department to pursue new career and life opportunities.

Susan Tilton of the Williams lab has left the department and relocated to Seattle, Washington where she has taken a postdoctoral position with the Department of Environmental and Occupational Health Sciences at UW.

Fred Tilton of the Tanguay lab has left the department and relocated to Seattle, Washington where he has also taken a postdoctoral position with the Department of Environmental and Occupational Health Sciences at UW.

Adam Romero, graduate student in the Williams Lab has left the department and the toxicology graduate program to pursue his education at Oxford University.

Kim Hageman, will have her last day in the department on August 15th. Following that she will be taking a position as an Assistant Professor in the Chemistry Department at the University of Otago in New Zealand.

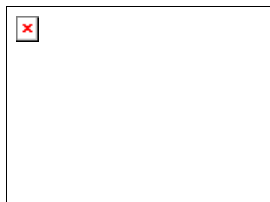
Robert Alumbaugh, will have his last day in EMT on July 31. Following that he will be taking the position of Teaching Laboratory Team Leader in the Chemistry Department at the University of Otago in New Zealand.

ANNOUNCEMENTS

EMT Graduates -

Oregon State University's 13th Commencement Ceremony took place on Sunday, June 18th, 2006.

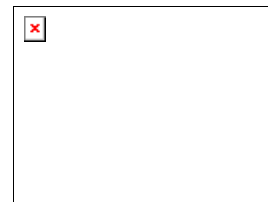
Four of our own, Stephanie Smith-Roe (see more on Stephanie below), Zhen Yu, Claudia Bravo, and Castle Funatake participated in the ceremony. Congratulations to them and to all the others who have successfully defended their thesis in the past year!



Castle Funatake



Claudia Bravo



Zhen Yu



Stephanie Smith-Roe successfully defended her dissertation "**DNA Mismatch-Repair Dependent Responses to 2-Amino-1-methyl-6-phenylimidazo[4,5-b]pyridine (phIP)**" on May 2, 2006. Her last day in the Buermeyer lab will be August 8. Stephanie will post-doc in the Dept. of Pathology and Laboratory Medicine at University of North Carolina - Chapel Hill in the laboratory of William Kaufmann. She will study the stabilization of DNA replication forks in response to UV damage in human melanocyte cell lines. Stephanie has also been selected as a platform speaker for the Mutagenesis and Carcinogenesis Session at the 37th Annual Meeting of the Environmental Mutagen Society in Vancouver, British Columbia (9/2006). Stephanie also received a Young Investigator Travel Award to the meeting in Vancouver. She wishes to thank all of those at OSU for making her time here both enjoyable and productive.

Castle Funatake (Kerkvliet Lab) completed her Ph.D. in Toxicology with her defense "**The Influence of Aryl Hydrocarbon Receptor Activation on T Cell Fate**" on May 1, 2006.

Fred Tilton (Tanguay Lab) completed his Ph.D. in Toxicology with his defense "**The Developmental Ramifications of Dithiocarbamate Pesticide Exposure in Zebrafish**" on May 24th, 2006.

Robert A. Grove (Buhler Lab) completed his PhD in Toxicology with his defense "**Environmental Contaminant Related Reproductive Organ Hypoplasia in River Otter Males Collected From Oregon and Washington, 1994-99**" on May 26th, 2006.

Kara Warner (Jenkins Lab) completed her PhD in Toxicology with her defense "**Vertebral Dymorphogenesis and Insulin-Like Growth Factor-1 Disruption in the Fathead Minnow, a Teleost Model of Vertebrate Development Toxicity**" on June 13th, 2006.

PROMOTION AND TENURE

Congratulations to the following:



Andrew Buermeyer received tenure and was promoted to Associate Professor.



Staci L. Simonich received tenure and was promoted to Associate Professor.



Daniel Sudakin received tenure and was promoted to Associate Professor.



Beth Siddens was promoted to Senior Faculty Research Assistant.

NEW TOXICOLOGY GRADUATE STUDENTS - Fall 2006

Three new students will be joining the toxicology graduate program at NIEHS Predoctoral trainee this fall. They are **Dan Koch**, **Kate Schletz Saili**, and **Lyndsey Shorey**.

Dan Koch received his BS in Biochemistry and Biophysics with a minor in Toxicology from OSU on June 18th, 2006. Dan will be a familiar face to many of you in the department as he has been working with Dr. Staci Simonich and her group since January of 2005.

Kate Schletz Saili received her BA in Biology with a minor in Chemistry from Carroll College, Helena, Montana in 1998. After a year in the Peace Corps, Kate went on to positions in Colorado, Hawaii, and most recently worked as a wildlife biologist for the Dept. of Marine and Wildlife Resources in Pago Pago, American Samoa where she developed a territorial sea turtle research program. Kate and her husband are not only excited about this new adventure that is graduate school, but also about their return to the "mainland."

Lyndsey Shorey received her BS in Biology from Wheaton College, Norton MA, in May 2006. Having been raised in Maine and having attended college in Massachusetts,

Lyndsey is not only looking forward to the challenge of graduate school, but also to her new (and different) home here in Oregon.

FROM THE BAIRD LAB:

Brinda Mahadevan was an invited speaker to the mini symposium on "Ahr-dependent and independent modes of action involved in genotoxic and nongenotoxic effects of PAHs and persistent organic pollutants." Brno, Czech Republic, June 30, 2006.

Her presentation is titled "Induction and inhibition of Cytochrome P450 1B1 in the activation of polycyclic aromatic hydrocarbons"

Brinda co-chaired the session on "Genotoxicity and mutagenicity of complex mixtures" at the 36th Annual Meeting of the European Environmental Mutagen Society, Prague, Czech Republic, July 2006. Her presentation was titled "Responses to mutagenic complex mixtures - an overview."

FROM DANIEL SUDAKIN:

April, 2006: Daniel Sudakin and Laura Power traveled to Prague, Czech Republic, to give a poster presentation at the Congress of the European Association of Poison Control



Centers and Clinical Toxicologists. The poster presented results of epidemiological research on Poison Control Center data relating to organophosphate exposure incidents in the United States. The results of the research demonstrated that there has been a significant reduction in organophosphate exposure incidents in the United States, in association with the regulatory phase out of organophosphate insecticides from residential uses. The results of this research have been accepted for publication in the *Journal of Toxicology and Environmental Health, Part A*. (photo: The astronomical clock, in the old town square in Prague.)

March, 2006: Daniel Sudakin published a manuscript in the journal *Clinical Toxicology*, entitled "**Pyrethroid Insecticides: Advances and Challenges in Biomonitoring.**" The manuscript reviewed the chemistry and toxicology of pyrethroid insecticides, and new analytical methods that are being used to measure human exposure in epidemiological studies.

FROM THE ANDERSON LAB

Anderson Lab is in the news:

Links:

[Food Safety & Environmental Standard Programs](#)

[Environmental Forensic Chemical Research](#)

KVAL News - May 12, 2006

By [Dawn Marie Woodward](#)

Link: [Eating Local](#)

OSU - May 12, 2006

Link: [New OSU Research Determines Whether Food is Truly Local](#)

The Register-Guard - June 4, 2006

By Greg Bolt

Link: [At OSU, Food Sign Unique Signatures](#)

WEDDING

Crystal Tucker (Tanguay Lab) and **Sascha Usenko** (Simonich Lab) were married on Tuesday, July 4th 2006 in Corvallis, Oregon. The bride's brother, an ordained minister, officiated. Family and



friends traveled from near and far to celebrate the day with the happy (and now stress-free) couple. After a *brief* honeymoon in Florida, Crystal and Sascha's wedding "Ball" will end at the stroke of midnight, and they will change back into graduate students. However, they will live, and publish... happily ever after.

NEW BABY FOR STACI AND MIKE SIMONICH



On June 18, 2006, Staci and Mike Simonich traveled to Seoul, Korea where they were greeted by their 8-month old adopted daughter, **Grace Hyun Joo Simonich**. After a short stay in Seoul, Staci and Mike returned with their daughter to their Corvallis home and their 2 year-old son (and Grace's **BIG** brother), Noah. Mother, father, brother, and baby are all well and very, very happy! Congratulations to the Simonich Family!!

RECENT PUBLICATIONS

Andreasen, E.A., Mathew, L., And Tanguay, R.L. (2006) Regenerative growth is impacted by TCDD: Gene expression analysis reveals extracellular matrix modulation. *Toxicol Sci.* 2006 Jan 27: [Epub ahead of print].

Bennett, S.E., and Kitner, J. (2006) Characterization of the Aldehyde Reactive Probe Reaction with AP-site DNA: Influence of AP-Lyase on Adduct Stability. *Nucleosides, Nucleotides, & Nucleic Acids* (in press).

Gibson SL, Narayanan L, Hegan DC, Buermeyer AB, Liskay RM, Glazer PM. (2006) Overexpression of the DNA mismatch repair factor, PMS2, confers hypermutability and DNA damage tolerance. *Cancer Lett.* [Epub ahead of print]

Krueger SK, Siddens LK, Henderson MC, VanDyke JE, Karplus PA, Pereira CB, and Williams DE (2006) C-terminal truncation of rabbit flavin-containing monooxygenase isoform 2 enhances solubility. *Arch Biochem Biophys* (in press).

Krueger SK, VanDyke JE, Hines RN and Williams DE (2006) The role of the flavin-containing monooxygenase (FMO) in the metabolism of tamoxifen and other tertiary amines. *Drug Metab Reviews* (in press).

Mahadevan B, Arora V, Schild LJ, Keshava C, Cate ML, Iversen PL, Poirier MC, Weston A, Pereira C, Baird WM. (2006) Reduction in tamoxifen-induced CYP3A2 expression and DNA adducts using antisense technology. *Mol Carcinog.* 45(2):118-25.

Mahadevan, B, Mata, J., Albershardt, D, Rodriguez-Proteau, R., Pereira, C, and Baird, W.M. (2005) The effects of red raspberry extract on PAH transport across Calu-3 cell monolayer, an in vitro cell model. *Int. J. of Cancer Prevention.*,2 (2)129-141

Anderson, K.A.; Smith, B.W. (2006) Effect of Season and Variety on the Differentiation of Geographic Growing Origin of Pistachios by Stable Isotope Profiling. *J. Agric. Food Chem.* 54(5); 1747-1752

Perez, A.L.; Smith, B.W.; Anderson, K.A. (2006) Stable Isotope and Trace Element Profiling Combined with Classification Models To Differentiate Geographic Growing Origin for Three Fruits: Effects of Subregion and Variety. *J. Agric. Food Chem.*

Sethajintanin, D.; Anderson, K.A. (2006) Temporal Bioavailability of Organochlorine Pesticides and PCBs *Environ. Sci. Technol.*

Past Issues

[ISSUE 8, APRIL 2006](#)

[ISSUE 7, JANUARY 2006](#)

[ISSUE 6, OCTOBER 2005](#)

[ISSUE 5, JULY 2005](#)

[ISSUE 4, APRIL 2005](#)

[ISSUE 3, JANUARY 2005](#)

[ISSUE 2, OCTOBER 2004](#)

[ISSUE 1, JULY 2004](#)

If there is any information that YOU would like to include in the next newsletter, which is scheduled for October 1, 2006, please e-mail JayLene.



Department of Environmental and Molecular Toxicology,
1007 Agriculture and Life Sciences Building
Oregon State University, Corvallis, OR 97331
Contact us with your comments and questions | 541-737-3791
Copyright © 2006 Oregon State University | [Disclaimer](#)