



Volume 29, Issue 1

Winter 2009

Special points of interest:

- Current job announcements found on pages 11 & 12
- Taken your AWSS shirt somewhere fun or exotic?? Share your picture!
- Welcome new members!!

Have you paid your 2009 AWSS dues?

Please note Kelly's new address:

Kelly Counts
P.O. Box 8264
Kirkland, WA 98034

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Phyllis Berger Awarded the 2008 AWSS Travel Scholarship

Ms. Phyllis Berger, a Master's student at the University of Arizona in the Soil, Water and Environmental Science Department, was the 2008 recipient of the AWSS travel scholarship. The \$500 scholarship was presented to Ms. Berger by AWSS scholarship committee chairperson, Dr. Sabine Goldberg, at the 2008 ASA-SSSA-CSSA International meetings in Houston, Texas.

Ms. Berger presented two posters at this year's Tri-Society meetings entitled "Physical and Hydrological Characterization of Mine Tailings – A First Step for Revegetation with Native Plant Communities" and "Particle Size Analysis with Laser Diffractometry – Comparison to Standard Methods".

Copies of her abstracts can be found at:
<http://a-c-s.confex.com/crops/2008am/webprogram/Paper42837.html>
<http://a-c-s.confex.com/crops/2008am/webprogram/Paper42971.html>

Congratulations Phyllis!



Right: Scholarship winner, Phyllis Berger, with Dr. Sabine Goldberg

Soils Rocked Houston!...and AWSS was there!

The annual tri-societies meetings were held this year in cooperation with the Geological Society of America. With attendance predicted to approach somewhere in the neighborhood of 10,000, BOY! did we have a lot of shirts to sell! So, I loaded up the car with a whole bunch and off I headed towards an area hard hit by Hurricane Ike just weeks before. I had to fib to my mom (sorry Mom) that I wasn't going by myself, but I did. It brought back memories of my college days, a car cram packed full of stuff headed down the interstate highway. Ah, the good old days!

Continued on next page...

Right: Wendy Greenberg and Kelly Counts man the booth.



Soils Rocked Houston!...Continued

This year, we went out on a limb in several directions. We designed a shirt to commemorate this historic meeting with the GSA. The Soil Rocks shirts were a hit! We sold every one we had except for the XXL; which, by the way, would make great sleep shirts and we'd let 'em go CHEAP! We also have new cloth grocery bags and a new design with our original logo, SOILS We Can't Grow Without It. They were also a big hit.

BIG, BIG, GREAT BIG THANK YOU'S go out to ALL the folks that helped at the booth. Cheryl Simmons, bless you for ALL the time (and it was LOTS) you spent helping out so we could actually sneak off to sit in on a presentation or take a gander at posters or shop on the GSA side of the exhibit hall. Secretary-Treasurer, Kelly Counts, Chair-Elect Wendy Greenburg and past-Chair Dena Marshall held down the fort most of the time.

Another 1st this year was AWSS held our 1st Social Gathering. We teamed up with the Association for Women Geoscientists and what a HIT! With nearly 70 folks in attendance we had a little wine, ate a few brownies, and talked. Imagine that? Jean Heisch, chair of AWG gave a short presentation on their group of gals and the organization. Now THERE's a group we can learn something from! Sabine Goldberg, chair of the Scholarship Committee, presented a certificate and check to this year's scholarship winner, Phyllis Anna Berger. AWSS had a short business meeting following the social.

So despite the trials and tribulations of getting there, being there and getting back home, as always it was WORTH it! AWSS is a GREAT group that is becoming more recognized all the time for the work that we do and the image we represent. Please keep working to keep up what we've worked so hard to attain!

Hope to see everyone again next year in Pittsburg, PA.

Yers in Dirt!!

Dena

Past-Chair



Left: AWSS/
AWG Social



Right Top:
Dena Marshall
and friends,
Kevin Norwood
and Dr's Phillip
Owens and Bill
McFee of Pur-
due University
at the AWSS
Booth



Right Bottom:
Kevin Norwood,
soil scientist
from Indiana
(and Dena's boss)
stopped
by to help out at
the booth



A Note from the Chair—Jamie Patton

Happy New Year!

Like many of you, I have made several resolutions I can only hope to keep throughout the year. Lose weight....Exercise more....Spend more quality time with family...Save more, spend less...Continue to promote the soil sciences and AWSS!

Last year was a successful one for our organization. We awarded our travel scholarship to another deserving up-and-coming soil scientist. We had a strong presence at the opening of the Smithsonian Soils Exhibit, a project near and dear to our heart. We co-hosted our first soils tour with the Wisconsin and Illinois professional soils organizations. We hosted a joint mixer with the Women Geoscientists at the annual meetings in Houston. We continued to raise money for our scholarship fund through t-shirt sales and donations. Yet, with all our successes, I know we can do more. We have an amazing contingency of men and women interested in promoting our discipline and organization. We need to capitalize on the extensive creativity, knowledge and enthusiasm of our members to push our organization forward.!

My three main goals for AWSS in 2009 are to:

- Open up lines of communications between members to promote mentoring and support opportunities.
- Provide professional development opportunities for all members, no matter their experience level.
- Actively recruit additional members from all facets of the soils discipline.

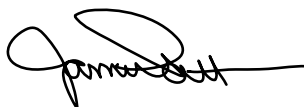
So, how do we begin to accomplish these goals? As an organization run solely by volunteers, AWSS depends on its members to provide leadership, inspiration, and initiative to help build an organization that is not only supportive of, but beneficial to, those interested in the soil sciences.

How does need this translate to you? Please consider recruiting a new member, writing a newsletter article, sending pictures of you at work, volunteering at the AWSS booth this fall, or volunteering for a committee! You can also send me, Wendy, Dena, or Kelly e-mails with suggestions on how, as your executive board, we can add value to the organization for you. If you have more time, we would love your help getting a mentoring program started between members, editing a whole newsletter, or helping to organize our annual meeting and t-shirt sales. No help will be turned down! We are an equal opportunity organization!

Speaking of help...

- I would like to extend a huge thank you to Cheryl Simmons and all who helped at the AWSS booth and meetings at the 2008 meetings in Houston!
- My eternal gratitude goes out to Dena Marshall, Wendy Greenberg, and Kelly Counts for organizing and running the booth, joint mixer and annual meeting in Houston. It is only with their hard work and personal sacrifices of time and money that AWSS was able to have a presence at the meeting.
- Thank you, thank you, thank you goes to Genny Helt for continuing to serve as our t-shirt wrangler while handling the challenges of being a new mom.
- A huge thank you goes out to Jane Anklam and Laura Craven for helping to organize the joint-tour with the Illinois Soil Classifier Association and Wisconsin Society of Professional Soil Scientists. These ladies ensured AWSS was represented well!
- Another huge thank you goes out to the scholarship committee of Sabine Goldberg (chair), Heather Dion, Suduan Gao, Becky Gilfillen, and Cheryl Simmons for evaluating the travel award applications and identifying this year's worthy recipient.
- My gratitude also goes out to John Galbraith for providing great feedback on how to improve our website.
- Thank yous also go out to Jane Anklam, Clarence Chavez, Margie Faber, Genny Helt, GayLynn Kinter, Yvonne Lawley, Gustavo Moscatelli, Amy Norton, Lisa Palazzi, Cindy Scheffield, Kari Sever, and Ray Weil, for contributing pictures, articles and edits to the newsletters. I'm sorry if I forgot anyone...
- Lastly, to all members, THANK YOU for a wonderful first year as your chair.

I look forward to working with all of you in 2009!



Secretary/Treasurer Report—Kelly Counts

Happy New Year!

I am sure some of you have noticed you have been getting invoices for your membership dues. This is one of the wonderful features from our new website. It allows me to document membership invoices which you can access in the membership section of the website. So please, when you receive your membership invoice send it back with a copy of your dues payment for my paperwork.

I am currently in the process of switching our banking to a Wells Fargo business account. In addition, I have started a new CD with the original \$5000.00 CD which expired a little over a year ago. I figured I should keep up the practice Laura Craven started with the first CD.

I hope everyone has a healthy and happy new year,

Kelly Counts

AWSS Secretary/Treasurer

Financial Status—February 23, 2008 to December 31, 2008

REVENUE:		EXPENSES:	
2008 Regular Membership	630.00	2008 Exhibit Space	85.00
2008 Student Membership	80.00	2008 Meeting Supplies	1,685.56
2009 Regular Membership	495.00	T-Shirt Orders	4,220.39
2009 Student Membership	70.00	Scholarship/Travel Award	500.00
AWSS Merchandise	4,634.00	Checks	31.06
Interest Income	104.02	Donation	250.00
Scholarship Fund	60.00	Office Supplies	21.79
		Post Office Box and Stamps	102.33
		Printing and Reproduction	51.54
		Website Services	18.00
		Investment/CD Purchase	6,000.00
TOTAL REVENUE:	6,073.02	TOTAL EXPENSES:	13,247.77

Checking Account

Previous Balance: \$9099.38

Current Balance: \$1924.63

**Welcome
New
Members!**

Aide Christine, ccaide@semo.edu
 Jodie Anderson, ffjma@uaf.edu
 Barbara Bellows, barbara.bellows@or.usda.gov
 LeAnn Bullard, leann.bullard@gmail.com
 Sheri Cahill, Sheringhana@yahoo.com
 Mayo Castillo, mncastillo2ag.tamu.edu
 Barb Cencich, barbara.cencich@co.usda.gov
 Michelle Durant, mbdurant@uga.edu
 James Fisher, soils@comcast.net
 Alaina Frazier, Alaina.Frazier@ca.usda.gov
 Victoria Gardner, Victoria.Gardner@fl.usda.gov
 Karen Grubb, kgrubb@umd.edu
 Miladys Irizarry Rivera, natalie.irizarry@pa.usda.gov
 Astrid Jacobson, astrid.jacobson@usu.edu
 Stephanie Johnson, stepie0024@aol.com
 Mary Maddox, marymadox@ufl.edu

Wibke Markgraf, w.markgraf@soils.uni-kiel.de
 Lisa McGiveron, mcgivers3@msu.edu
 Robert McLeese, bob.mcleese@il.usda.gov
 Lizandra Nieves-Rivera, dycite@hotmail.com
 Marie Petersen, mnesyne@hotmail.com
 Haiying Tao, tashaijing@yahoo.com
 Rebecca Tirado-Corbala, rebeccatiradocorbala@yahoo.com
 Jenwei Tsai, ctsai@illinois.edu
 Arlene Tugel, atugel@nmsu.edu
 April Ulery, aulery@nmsu.edu
 Jericho Winter, jwinter1@niu.edu

2008 AWSS Annual Meeting Minutes—Houston, Texas

Welcome

Dena Marshall, Past-Chair, welcomed the group to the 2008 Annual Meeting at 8:30 pm, October 27, 2008 in Room 327, Hilton Americas Hotel, Houston, Texas.

Old Business

Kelly Counts, Secretary/Treasurer, presented information on current membership numbers and the financial status of the organization.

New Business

Discussion on changing the organization's name from Association of Women Soil Scientists to Association for Women Soil Scientists. Information will be presented to the membership and a vote will be collected.

Discussion on changing AWSS fiscal year from December to October. Information will be presented to the membership and a vote collected.

Discussion on decreasing membership numbers and need for increased recruiting.

Discussion on the expense of current booth at Tri-Societies meeting. Potential for using an educational rather than exhibitor booth and implications for booth volunteers.

Discussion on seeking sponsorship by other societies/groups during next year's annual meetings.

Discussion regarding adding a second scholarship.

Dr. Sabine Goldberg recognized Phyllis Berger as the 2008 AWSS Travel Scholarship winner.

Meeting adjourned at 9:25 pm.

Where has your AWSS shirt gone?

GayLynn Kinter and Laura Craven at the Dig it! Celebration (July 18, 2008)



AWSS Co –Hosts Joint Illinois-Wisconsin Soil Conference

By: Jane Anklam

On October 15, 2008, AWSS joined Illinois Soil Classifier Association (ISCA) and Wisconsin Society of Professional Soil Scientists (WSPSS) in hosting a joint meeting along the beach ridge and swale landscape of northeastern Illinois. Meeting headquarters was the Illinois Beach Resort and Conference Center located at Illinois Beach State Park, Zion Illinois.

"The planning for the conference began well over a year ago when AWSS member and past secretary-treasurer, Laura Craven of Colorado received a note from Mark Bramstedt of ISCA wondering if AWSS would be interested in teaming with ISCA and WSPSS in the effort," explained Jane Anklam, AWSS and WSPSS member, Wisconsin. "Karla Petges, committee chair for WSPSS helped make the connection with AWSS so that we could get the word out to members." Jamie Patton along with the Board of AWSS approved a financial donation for the effort, allowing AWSS to sponsor snacks and an evening bon fire after the conference papers and posters were presented. The evening meetings included an invitation by AWSS members to the participants to join AWSS along with an update on AWSS history and recent projects.

The next day's field trip included a review of the Pleistocene impacts and soil forming factors that resulted in the beach and swale topography of the southwest lake Michigan beaches. In addition, the tour participants examined how coastal manipulations and infrastructure over the decades has changed the soil building processes at the site as well as the entire shoreline to the south.

"We did take the opportunity to sell some of our AWSS shirts and bags," said Kari Sever, AWSS member and past president of Association of Consulting Soil Scientists. "Better than that, we added a few new members."

"There are no doubt plenty of opportunities across the country for AWSS to join with other professional organizations to make workshops and conferences happen," said Anklam. "Not only does it give us a chance to get our name out and network with other scientists, in many instances, CEU and research presentation opportunities are available."

"And of course," noted Craven, "it was music to our ears to hear one young female scientist exclaim as we prepared for a texturing contest at the end of the day. 'Oh Boy! I'm so good at this...I bet I will win!'"



Above: Dr. Beck, Kari Sever, Dr. Darmody, Laura Craven, Jane Anklam, Jenwei Tsai at Lake Michigan

Below: Joint Meeting Texturing Contest



2008 Illinois-Wisconsin Soil Tour



Clockwise from upper left:

Mark Bramstedt and Roger Windhorn
Soil Texturing Contest
Karl Petges

Jane Anklam, Kari Sever, Laura Craven
Jane Anklam and Ken Klick

Mark Bramstedt and Roger Windhorn
Jenwi Tsai, Dr. Bob Beck, Kari Sever, Dr. Robert
Darmody, Jane Anklam Laura Craven
Roger Windhorn



Encouraging and supporting women in soil science

Soil conservation and cleanup a family affair for Kinters

Posted by Brenda Brissette Mata | The Flint Journal September 29, 2008



Jim Cheek | The Flint Journal
GayLynn Kinter (left) and her son, Brandon, got together to cheer on their alma mater, Michigan State University, at the MSU/Notre Dame football game. They are avid environmentalists. She is a district conservationist for the USDA office in Flint and Brandon is an environmental

When it comes to soil, this mother/son team has got the dirt.

GayLynn Kinter of Flushing has been a soil scientist for the U.S. Department of Agriculture in Michigan for 24 years. Most of those years, as the only female.

"Everything we do is derived from dirt," she said, her voice revealing her passion. "The road to the mall is paved over dirt, our food comes from dirt. All our basics, medicines, clothes."

That zeal in part sparked her oldest son's passion for the earth.

"As soon as I was old enough to hold an auger she had me out there," said Brandon, 26.

GayLynn, a district conservationist in the USDA Flint office, said when Brandon was small and she didn't have a baby sitter, she often took him along into the field.

"We would dig holes, look at the soils and talk about the trees and the land -- he's very environmentally conscious," she said.

"I was cheap labor," Brandon said with a laugh.

A 2005 graduate of Michigan State University, his mother's alma mater, Brandon works as an environmental and civil engineer for Entrix and lives in Schaumburg, Ill. But he's only there about four months out of the year.

"We're an environmental consultant that specializes in natural resource damage assistance," Brandon said.

He worked shoreline cleanup for an oil spill last year in New Orleans. He was in Seattle taking sediment samples in the Wamish river, in Vail, Colo., for an environmental assessment and most recently in Oregon.

"Where my mom's career and mine differ is that she handles the soil aspect, whereas I deal primarily with contaminant sites, brownfields -- I'm in charge of figuring out how to clean up contamination," he said.

Continued on next page...

Soil conservation and cleanup a family affair for Kinters, continued...

Brandon, who came home to Flushing to attend the MSU/Notre Dame game with his mother, his father, Doug, an assistant principal in Coldwater, and brother Kory, said his love of the land and the outdoors is equally influenced by his dad.

"I grew up with the combination of seeing her do that work and my father being an avid outdoorsman, hunter and fisherman, and it's obvious they both influenced me a lot."

Both GayLynn and Brandon became involved in the Envirothon, North America's largest high school environmental program while Brandon attended Flushing High School.

Brandon was a member of the team in 1998 when Flushing won the state finals.

GayLynn also has left her mark on Michigan. She was part of a team that spent eight years, including testifying before Congress, to name a state soil for Michigan, Kalkaska sand.

"Did you know there are 400 different types of soil in Michigan?" she asked. "We couldn't have a state tree or a state bird without state soil. I bet you know what the state bird is."

Most recently, GayLynn worked as a liaison for Michigan to help raise the \$10,000 per state that was needed in the development of the \$3 million exhibit, "Dig it! The Secrets of Soil," on display through 2010 at the Smithsonian Museum of Natural History.

The exhibit celebrates the various types of soil in this country -- one section, called a monolith, from each of the 50 states.

In July, she took Brandon to the Smithsonian opening. He understands his mother's enthusiasm.

"He's into engineering," she said.

"All that math and stuff, engineers are a lot smarter than I am. I'm a soil scientist. But the fact that he's doing wetland delineation, I actually teach a national course on that -- the fact that he's doing the soils and vegetation, it's just so much fun that we can talk about it all."

Taken from: http://www.mlive.com/flintjournal/community/index.ssf/2008/09/oil_conservation_and_cleanup.html

National Cooperative Soil Survey Conference

May 9—16, 2009

Las Cruces, New Mexico

"Soil Survey – Ecological Relationships and Soil Change in the New Soil survey".

Full Agenda will be posted at <http://soils.usda.gov/partnerships/ncss/conferences/national.html> as it becomes available

Living on Shaky Ground

By Genny Helt

I attended the Soil Science Society of America, Crop Science Society of America and American Society of Agronomy meetings last year in New Orleans, LA. The Association of Women Soil Scientists provided my registration, as I was in charge of the t-shirts and booth, but I had to figure out how to get to Louisiana. So me, being a true soil scientist, started looking for the cheapest way to get down there. I contacted Dr. Owens who graciously let me ride down with him and the Purdue crew. Six soil scientists packed into an Expedition for 20 hours, needless to say the conversation was great! For a small side trip, we stopped by the Arkansas Archeological Survey Blytheville Research Station. Dr. Owens introduced us to his colleague, Marion Haynes, the Station Assistant. Marion took us to a borrow pit outside Blytheville to show us liquefaction.

At this site, we saw true evidence of liquefaction. Just as a reminder...Liquefaction can occur when strong earthquakes release their energy. The violent shaking causes underground layers of saturated sandy soil to behave like a fluid under pressure. Sometimes the pressure forces the liquefied sand to move up through cracks in the overlying soil and flow out over the surface, creating a feature called a sandblow. This event can happen in a matter of seconds during an earthquake. The liquefaction at the borrow pit we visited happened during the 1811-1812 New Madrid earthquake events. The following is an excerpt taken from an eyewitness account, "In all the hard shocks mentioned, the earth was horribly torn to pieces - the surface of hundreds of acres, was, from time to time, covered over, in various depths, by the sand which issued from the fissures, which were made in great numbers all over this country, some of which closed up immediately after they had vomited forth their sand and water, which it must be remarked, was the matter generally thrown up. In some places, however, there was a substance somewhat resembling coal, or impure stone coal, thrown up with the sand. It is impossible to say what the depths of the fissures or irregular breaks were; we have reason to believe that some of them are very deep." As we looked at the exposed profiles we could also see how much soil formation has taken place in the past 196 years. The "new" surface has already begun to accumulate or-



Left: Soil profile showing evidence of liquefaction

Above: Dr. Owens and Zamir Libohova looking at a sandblow

Living on Shaky Ground, continued

After our stop to look at the liquefaction, we stopped at a University of Arkansas Agricultural Research Farm to look at the famous (or infamous) Sharkey soil. The Sharkey soil is a very-fine, smectitic, thermic chromic Epiaquert. There are several acres of this soil mapped on the floodplains of the Mississippi River. The jury is still out whether this soil is hydric or not, thus causing much controversy throughout the Delta States.

When our supposed two hour side trip (it was really four hours) was completed we continued on our way to New Orleans. I am very thankful that Dr. Owens allowed me to tag along on this very educational trip. After all, it's not everyday you get to see evidence of liquefaction!

More information can be found at:

<http://www.hsv.com/genlintr/newmadr/acnt1.htm> - Eyewitness account



Left: Cracks in the surface of Sharkey Clay

Right: Ruts left in a soybean field of Sharkey Clay



Current Job/Post-Doc/Internship Announcements

Research Soil Scientist/Research Agronomist/Research Agricultural Engineer

GS-12/13/14

Salary Range of \$68,922 - \$125,903

The Soil and Water Management Research Unit, St. Paul, Minnesota is seeking a permanent full-time scientist to address the impacts of agricultural management practices on the movement of agricultural chemicals into ground and surface waters, and on net carbon balance. The incumbent will have responsibility to plan, initiate, and conduct research on the mechanisms and processes by which innovative practices, such as companion cropping or tile drainage management, affect offsite solute and water transport, net biomass production, and related environmental and economic metrics. It is anticipated that this will incorporate field and laboratory experiments along with numerical analyses and models, and that it will involve interdisciplinary collaboration with the incumbent scientists in the Unit and elsewhere within ARS, and with other faculty and scientists at the University of Minnesota. The Unit is housed within, and enjoys a close working relationship with, the Department of Soil, Water & Climate of the University of Minnesota. Must be U.S. citizen. Ph.D. is desired. Salary is commensurate with experience (\$68,922 to \$125,903). For further information on the position, contact John M. Baker at 612-625-4249, John.Baker@ars.usda.gov; or view the vacancy announcement (ARS-X9W-0050) at www.ars.usda.gov/careers. For information on application procedures contact Pam Groth at 651-649-5046. USDA-ARS is an equal opportunity employer and provider.

The National Risk Management Research Laboratory (NRMRL) in the Office of Research and Development (ORD) at the US EPA in Cincinnati, OH, is seeking a motivated **Postdoctoral Fellow** to conduct research on the relationship of metal speciation to bioavailability in contaminated soils. The individual will be responsible for sample collection and characterization as well as involvement with other research on in-vitro bioaccessibility and in-vivo bioavailability. The core research will involve (1) applying synchrotron-based spectroscopic techniques to elucidate the speciation of metals in soils and relate metal speciation and soil characteristics to bioavailability and (2) characterizing homogenized soil samples in preparation for in-vitro and in-vivo analyses to determine bioavailability. Other in-situ techniques (Mössbauer and X-ray diffraction spectroscopies) and bench-scale kinetic and thermodynamic research will complement the molecular-level spectroscopic efforts. This project is part of a national initiative in collaboration with the National Health & Environmental Effects Research Laboratory (in-vivo studies) and the National Exposure Research Laboratory (in-vitro studies) within ORD.

Synchrotron experience is preferred but those willing to learn state-of-the-art research are also encouraged to apply. This Postdoctoral Fellowship is coordinated with the prestigious National Academy of Science Research Apprenticeship Program. Full announcement details (<http://nrc58.nas.edu/pgasurvey/data/aobooks/rapbooks.asp?mode=rodetail&roid=50808&pcd=220301>) and instructions for application (<http://www7.nationalacademies.org/rap/>) can be found online for the February 1, 2009 deadline. Those interested can contact Kirk Scheckel at the US EPA for more details (Scheckel.Kirk@epa.gov or 513-487-2865).

Ph.D., M.S. Graduate Assistantship Available for Rhizosphere Science

Department of Plant & Soil Sciences University of Kentucky

University of Kentucky, Lexington, KY - The Rhizosphere Science Laboratory in the Department of Plant and Soil Science at The University of Kentucky is seeking a highly motivated, well qualified M.S. or PhD level student to immediately join the Rhizosphere Science Laboratory to work with a transdisciplinary group of researchers investigating how interactions between endophytic organisms and their plant hosts influence root exudate composition and subsequently soil microbial population dynamics and C and N turnover. Research will specifically focus on (1) Identifying key bioactive compounds in plant root exudates using a variety of chromatographic and spectroscopic techniques, (2) evaluating the influence of bulk and rhizosphere soil physiochemical properties on root exudate production and persistence, and (3) elucidating how microbial population and (4) C and N turnover are affected. The ideal candidate would have prior experience working in a research lab as well as course work (or an interest in pursuing coursework) related to soil chemistry, geochemistry, soil biochemistry, microbiology, plant biology and/or plant physiology. The selected candidate will join a newly emerging interdisciplinary laboratory at the University of Kentucky designed to investigate (using cutting edge tools such as synchrotron X-ray spectroscopy, confocal microscopy, ATR-FTIR, HPLC-MS, ICP-MS, NMR) the dynamic interaction between plants and their soil environment and how these interactions influence ecosystem level processes. Candidates interested in this exciting opportunity should contact Dr. David McNear @ dave.mcnear@uky.edu.

Current Job/Post-Doc/Internship Announcements, continued

Assistant Professor: Soil Science and Engineering

Geology Department of Geology and Environmental Science, James Madison University

The Department of Geology and Environmental Science invites applications for a tenure-track position at the Assistant Professor level with specialties in Soil Science and Engineering Geology. The applicant should be capable of offering undergraduate courses in: (1) Soil Science for students from a wide range of science and non-science majors; (2) Engineering Geology with an emphasis on soil engineering and soil mechanics; (3) General Education courses for non-science majors. The successful candidate will demonstrate the potential for excellence in teaching and the development of an active, undergraduate-oriented research program in the candidate's specialty. Collaboration with other faculty in related disciplines such as geoarchaeology, environmental and geotechnical engineering, and geomorphology is also encouraged.

A Ph.D. in the geosciences or related field is expected at the time of appointment. The anticipated starting date is August, 2009. Full information about the Department can be found at <http://www.jmu.edu/geology>. Candidates should complete the electronic application at <https://JobLink.jmu.edu>, referencing position number 1422. Review of applications will commence on January 5, 2009. Applications will be accepted until the position is filled. James Madison University is an equal opportunity/affirmative action/equal access employer and especially encourages applications from women, minorities and persons with disabilities.

Please contact [Dr. L. Scott Eaton](#), Search Committee Chair, with any questions regarding this position.

In case you missed it...

Published in the December 10th Science Policy Report (<https://www.soils.org/sciencepolicy/sspr/archives/>)

"Two recent articles, "Soils are back on the global agenda", <https://www.soils.org/shared/temp/20090501/soils-back-on-global-agenda.pdf>, published in Soil Use and Management and "A soil science renaissance" <https://www.soils.org/shared/temp/20090501/a-soil-science-renaissance.pdf>, published in Geoderma, highlight the renewed interest in soil science and need for soil science expertise. Both cite the recent renewed interest in agriculture for food, feed and fuel and the need for soils knowledge to provide sustainable solutions."

Soil Science: Step-by-Step Field Analysis

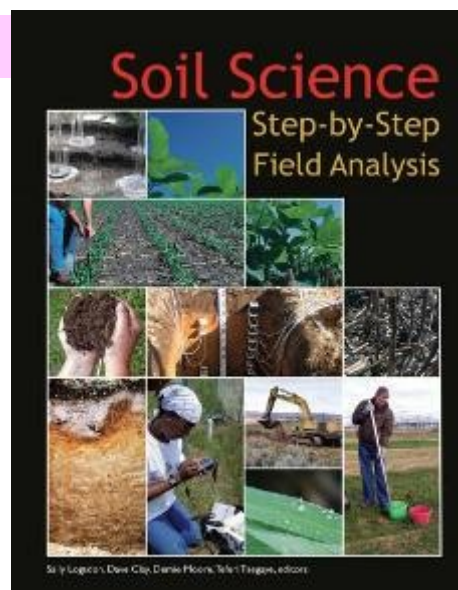
Dear Officers of Association of Women Soil Scientists,

A couple years ago AWSS forward information about a survey on a potential field soils book. We appreciate the AWSS members who completed the survey. The results were used in developing a book, which is now available.

Readers of the new SSSA publication, Soil Science: Step-by-Step Field Analysis, will learn practical procedures and tips for conducting "real-world" site-specific activities for improved natural resource management. The 255-page book features a water-resistant soft cover and coil binding -- perfect for field work. It is written for crop consultants, agronomists, environmental consultants, students, and teachers.

The SSSA website (<https://www.soils.org/>) has information on ordering the book. This information can be passed on to your members.

Sally Logsdon, Co-editor



Association of Women Soil Scientists Membership Form



Clip or photocopy. Required items are marked with an asterisk (*).

* Dues: __Professional=\$15/year __Student=\$10/year.

Membership is on a calendar year basis and includes three newsletters and access to the online directory of members. New members may join at any time during the year and will receive all three issues of the newsletter. Renewals are due the first business day of January. You may contribute to the AWSS scholarship fund when you pay your dues. Just designate amounts on the memo line of your check.

* Please check all that apply: __New Member __Renewal __Address Change __Volunteer

* Name: _____

E-mail: _____

* Address: _____

Phone (Work and/or Fax and/or Home): _____

Current Position: _____

Advisor's signature (* to verify student status for student members): _____

* List me in the AWSS Member Directory: __yes __no.

Note: The directory will be available online to **AWSS members only** by the second quarter of 2004. It will be secure, password-protected, and SSL encrypted. Each member will have a unique login ID and password.

I would like to volunteer (check all that apply):

Committee: __Membership __Mentoring __Scholarship __T-Shirt __Web

Newsletter: __Write a profile __Write a newsletter article

Completed membership forms and checks (payable to AWSS) can be mailed to:

Kelly Counts, P.O. Box 8264 Kirkland, WA 98034

Questions? E-mail Kelly at kelly.counts@yahoo.com



The Association of Women Soil Scientists (AWSS) is a 501(c)(6) nonprofit organization of **women and men** in soil science who support these goals:

- To establish and maintain high standards for professional women soil scientists;
- To promote and enhance communication among professional soil scientists;
- To promote a dialogue of soil information and to encourage an interchange with other technical and scientific communities;
- To promote better understanding of the role of soil scientists;
- To provide assistance and encouragement for women in non-traditional fields and for women seeking employment in the field of soil science.



AWSS Executive Committee

Officers

Jamie Patton, Chair
Northwest Missouri State University
Maryville, MO 64468
(W) 660-562-1659
(Fax) 660-566-1161
jamiejp@nwmissouri.edu

Dena Marshall, Past Chair
USDA-NRCS Soil Survey
2600 N State Highway 7
North Vernon, IN 47265
(W) 812-346-3411 ext. 5
(Fax) 812-346-4237
dena.marshall@in.usda.gov

Wendy Greenberg, Chair Elect
20045 Windsurf Drive
Bemidji, MN 56601
(H) (218) 755-4372
bassoons@paulbunyan.net

Kelly Counts, Secretary/Treasurer
P.O. Box 8264
Kirkland, WA 98034
kelly.counts@yahoo.com

At-Large Members

Sarah Uttech
SSSA-ASA Contact
Program Manager, Communications
677 South Segoe Road
Madison, WI 53711
(W) 608-268-4948
suttech@agronomy.org

Cheryl Simmons
SWCS Representative
Central National Technology Support Center
P.O. Box 6567
Fort Worth, TX 76115
(W) 817-509-3314
(Fax) 817-509-3337
cheryl.simmons@ftw.usda.gov

Ann M. Mason
Private Sector Representative
Strata Environmental
P.O. Box 1334
Lombard, IL 60515
(W)/(Fax) 630-627-9522
annmason@aol.com

Additional Members

Margie Faber
Historian
331 Riley Mountain Road
Coventry, CT 06238
(H) 860-742-6770
(W) 860-871-4040
(Fax) 860-871-4054
margie.faber@ct.usda.gov

Heather Dion
ASA-Women in Agronomy Rep.
Nuclear Nonproliferation Division
Los Alamos National Laboratory
P.O. Box 1663
MS B230
Los Alamos, NM 87545
hdion@lanl.gov

Genny Helt
T-shirts
USDA-NRCS Soil Survey
2600 N State Highway 7
North Vernon, IN 47265
(W) 812-346-3411 ext. 5
(Fax) 812-346-4237
genny.helt@in.usda.gov

Encouraging and supporting women in soil science