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<http://drupal.org/user/20694>

Career Interests

- Spread Drupal!
- Improve the Drupal process for developers to achieve faster builds and more accountability with tools that are available today.
- Lead Drupal teams into battle and win.

Professional Preparation

1996 B.F.A., Pennsylvania State University

Professional Appointments

Production Manager, Drupal Architect and Developer, WebFilings LLC. (2009-present).

WebFilings (<http://www.webfilings.com>) offers the first and only end to end solution for external financial reporting. The company develops and markets a fully integrated, cloud based solution dedicated to meeting SEC reporting requirements.

- Execute scoping of projects, gather requirements, architect and manage production of all Drupal development.
- Streamline team-based Drupal production by implementing process like code driven development via Features, Drush, Atlassian tools and other methods. This gives us speed and individual accountability.
- Advance performance by introducing Pantheon with PressFlow on Amazon cloud AWS - (EC2).

Production Manager, Drupal Architect and Developer, iMed Studios. (2008-2009).

iMed Studios was a pioneer in the development of digital communications solutions.

- Lead Drupal Architect and Developer for iMed Studios. Executed scoping of projects to assist in shaping bids. Gathered requirements, architected and managed production of all Drupal development.

Co-Founder and Partner, Switchback, a CMS-driven web development and design firm. (2007-2008).

- Drupal lead for Switchback (<http://www.switchbackcms.com>). Based in Ann Arbor, Michigan, Switchback provides smaller- to medium-sized organizations with the ability to update and maintain their own websites.

Associate in Research, Pennsylvania State University, Earth and Environmental Systems Institute, Center for Environmental Informatics. (2006-2008).

CZEN is a NSF-EAR sponsored network of people, sites, tools and ideas to investigate the processes within the Critical Zone.

- Developer of cyber-infrastructure for the Critical Zone Exploration Network (CZEN) website (<http://www.czen.org>).

Associate in Research, Duke University, Nicholas School of the Environment and Earth Sciences: The Forest, Soil and Water Lab (1997- present)

- Associate Director of the Long-Term Soil Experiment (LTSE) website, a metadatabase and portal of LTSEs and their data holders (<http://ltse.env.duke.edu>).
- Project Manager of soil research at the Free Air Carbon Enrichment (FACE) site, the Southeast Tree Research and Education Site (SETRES) and the Calhoun Experimental Forest.

Interim System Administrator, Duke University, Nicholas School of the Environment and Earth Sciences (2000-2001)

- Interim System Administrator from December 2000 until June 2001 while the school searched for a new senior systems administrator. The school had over 300 students and faculty with a mixed Linux/Windows environment, four computer labs and a cutting edge GIS facility.

Synergistic Activities

- Leader of the Iowa Drupal Users Group. A group dedicated to sharing knowledge related to web development using Drupal. <http://groups.drupal.org/iowa> (2008-present), lead monthly meetings
- DrupalCon March 2011 - submitted talk and Volunteered with meeting facilitation
- DrupalCon April 2010 - submitted talk
- Drupal Quick Start Free course - February 2010 at Unitarian Universalist Fellowship of Ames - over 40 attendees
- Ignite Ames march 2010 talk. Conquering the WhiteHouse(.gov)
http://www.youtube.com/watch?v=1lxGNkSz_ncf
- DrupalCamp Colorado 2009 event sponsor delegate - <http://drupalcampcolorado.org/sponsors/imed-studios>
- Founder and Leader of the Ann Arbor Drupal Users Group. A group dedicated to sharing knowledge related to web development using Drupal. <http://groups.drupal.org/ann-arbor> (2006-2008)
- WATER and Environemnt Research Systems Network, Community Workshop (27-28 February, 2008)
- Co-Coordinator of the LTSE international Global Soil Change Workshop 07, Durham NC. Duke U. (10-14 December 2007)
- Goldschmidt 2007 - “Atoms to Planets”, premier annual international meeting in geochemistry. Live demonstration of CZEN.org (19-24 August 2007)
- GeoInformatics 2007 - “Data to Knowledge”, technologies as they relate to developing the cyberinfrastructure for the geosciences. San Diego, California (17-18 May 2007)

Publications

Peer-Reviewed

- Richter, D.D., Bacon, A., Billings, S., Binkley, D., Buford, M., Callaham, M., Curry, A., Fimmen, R., Grandy, A.S., Heine, P., **Hofmockel, M.**, Jackson, J., Lemaster, E., Li, J., Markewitz, D., Mobley, M., Morrison, M., Strickland, M., Waldrop, T., Wells, C. G. (2011), Six Decades of Soil and Ecosystem Research at Calhoun Experimental Forest. Book Chapter within a book on the USFS’s Experimental Forests - In review.
- **Hofmockel, M.**, D. Richter, D. Miller, and S. Brantley (2007), Building critical zone research cyberinfrastructure, *Eos Trans. AGU*, 88(50), 560.
- Oh, N-H., **Hofmockel, M.**, Lavine, M., Richter, D. 2007. Did elevated atmospheric CO₂ alter soil mineral weathering?: an analysis of 5-year soil water chemistry data at Duke FACE study. *Global Change Biology* (2007) 13: 2626–2641
- Richter, D.D., **Hofmockel, M.**, Callaham, M., Powlson, D. Smith, P. 2007. Long-Term Soil Experiments: Keys to Managing Earth’s Rapidly Changing Ecosystems. *SSSAJ* 71: 259-265
- Callaham Jr., M.A., Richter, D.D., Coleman, D.C., **Hofmockel, M.** 2006. Long-term land-use effects on soil invertebrate communities in Southern Piedmont soils, USA. *European Journal of Soil Biology*.
- Krishnaswamy, J., Halpin, P. N., Richter, D.D., **Hofmockel, M.** 2001. Spatial patterns of suspended sediment yields in a humid tropical watershed. *Hydrological Processes* 15:2237-2257.

Posters

- **Hofmockel, M.**, Brantley, S., Miller, D., Richter, D.D. 2007. The Critical Zone Exloration network: Your growing community. *Geoinformatics Conference 2007*, San Diego, California May 17-18.
- Miller, D., Brantley, S., Richter, D.D., **Hofmockel, M.** 2006. Building a Cyberinfrastructure for the Critical Zone Exploration Network. *Geoinformatics Conference 2006*, Reston Virginia May 10-12.
- Richter, D.D., Callaham, M., Smith, P., **Hofmockel, M.**, Powlson, D. 2006. Improving the Science of Soil Change by Networking Long-Term Soil-Ecosystem Experiments (LTSEs). *SSSA Conference Poster*, Indianapolis, Indiana
- Callaham, M.A., Richter, D.D., **Hofmockel, M.** 2005. Long-term land use effects on soil invertebrate communities in Southern Piedmont soils. *Ecological Society of America annual meeting*, 8-11 August, Montréal, Canada. Poster.