

## NOI EXHIBIT F, RESUME OF BARRY FULTON

### CURRICULUM VITAE

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### EDUCATION

2009 M.S. Environmental Science, Baylor University, Waco, TX  
2005 B.A. Ecology, B.A. Environmental Studies, Brevard College, Brevard, NC

### EMPLOYMENT

2009-Present Senior Environmental Scientist, ARCADIS U.S., Inc., Lakewood, Colorado  
2006-2009 Research Scientist, Center for Reservoir and Aquatic Systems Research, Baylor University, Baylor, Texas  
2005-2006 Biology Laboratory Instructor, Brevard College, Brevard, North Carolina

### PUBLISHED WORKS

#### Peer-reviewed Journal Articles:

- Fulton, B.A.** and J.S. Meyer. 2014. Development of a regression model to predict copper toxicity to *Daphnia magna* and site-specific copper criteria across multiple surface-water drainages in an arid landscape. *Environmental Toxicology and Chemistry* 33:1865-1873.
- Bian, J., J.P. Berninger, **B.A. Fulton**, and B.W. Brooks. 2013. Nutrient stoichiometry and concentrations influence silver toxicity in the aquatic macrophyte *Lemna gibba*. *Science of the Total Environment* 449:229-236.
- Fulton B.A.**, R.A. Brain, S. Usenko, J.A. Back, B.W. Brooks. 2010. Exploring *Lemna gibba* thresholds to nutrient and chemical stressors: differential effects of triclosan on internal stoichiometry and nitrate uptake across a nitrogen:phosphorus gradient. *Environmental Toxicology and Chemistry* 10:2363-2370.
- Forbes, M.G., R.D. Doyle, J.T. Scott, J.K. Stanley, H. Huang, **B.A. Fulton**, and B.W. Brooks. 2010. Carbon sink to source: longitudinal gradients of planktonic P:R ratios in subtropical reservoirs. *Biogeochemistry* DOI:10.1007/s10533-010-9533-3
- Fulton B.A.**, R.A. Brain, S. Usenko, J.A. Back, R.S. King, B.W. Brooks. 2009. Influence of N and P concentrations and ratios on *Lemna gibba* growth responses to triclosan in laboratory and stream mesocosm experiments. *Environmental Toxicology and Chemistry* 28:2610-2621.
- Brain R.A., A.J. Ramirez, B.A. **Fulton**, C.K. Chambliss, B.W. Brooks. 2008. Herbicidal effects of sulfamethoxazole in *Lemna gibba*: using *p*-aminobenzoic acid as a biomarker of effect. *Environmental Science and Technology* 42: 8965-8970.

## **ABSTRACTS OF PRESENTATIONS AT SCIENTIFIC MEETINGS**

- Brooks, BW, **BA Fulton**, and ML Hanson. Ecological Risk Assessments with Primary Producers: Influence of Nutrients on Aquatic Toxicity Thresholds. Presented at the Thirty-fourth Annual Meeting of the Society of Environmental Toxicology and Chemistry, Nashville, TN, November 17-21.
- Jones, DS, SJ Young, AR Stojak, NL Bonnevie, LW Fontenot, **BA Fulton**, CB Meyer, JS Meyer, D Buys, DK Rigg, TH Schlekot and N Carriker. 2013. Ecological risk analysis of residual coal ash and associated metals and metalloids in a river reservoir system. Presented at the Thirty-fourth Annual Meeting of the Society of Environmental Toxicology and Chemistry, Nashville, TN, November 17-21.
- Fulton, BA**, EM Schlenker, DB Edge, AM Thatcher and JS Meyer. 2012. Water-effect ratio model to support site-specific copper criteria across multiple drainages in an arid landscape. Presented at the Twenty-fifth Annual Meeting of the Rocky Mountain Chapter of the Society of Environmental Toxicology and Chemistry, Fort Collins, CO, April 19-20.
- Fulton, BA**, DB Edge, AM Thatcher and JS Meyer. 2012. Water effect ratio model to support site-specific copper criteria across multiple drainages in an arid landscape. Presented at the Thirty-third Annual Meeting of the Society of Environmental Toxicology and Chemistry, Long Beach, CA, November 11-15.
- Jones, D, M Beauchemin, N Bonnevie, D Buys, L Fontenot, **B Fulton**, C Meyer, J Meyer, D Rigg, T Schlekot, AR Stojak, M Wacksman; S Young and N Carriker. 2012. Ecological risk assessment for Phase 3 of the TVA Kingston Ash Recovery Project; Roane County, TN. Presented at the Thirty-third Annual Meeting of the Society of Environmental Toxicology and Chemistry, Long Beach, CA, November 11-15.
- Fulton BA**, RA Brain, BW Brooks. 2008. Growth, stoichiometric, and nitrogen uptake responses of *Lemna gibba* exposed to triclosan and a gradient of nitrogen and phosphorus concentrations and ratios. Society of Environmental Toxicology and Chemistry, 29<sup>th</sup> Annual Meeting, Tampa Bay, FL, USA.
- Fulton BA**, RA Brain, S Usenko, JA Back, RS King, BW Brooks. 2008. Stream and laboratory responses of *Lemna gibba* exposed to triclosan at different phosphorus levels. Society of Environmental Toxicology and Chemistry, 29<sup>th</sup> Annual Meeting, Tampa Bay, FL, USA.
- Brain RA, **BA Fulton**, BW Brooks, AJ Ramirez, CK Chambliss. 2008. Herbicidal effects of sulfamethoxazole in *Lemna gibba* G3: using *p*ABA as a biomarker of effect. Society of Environmental Toxicology and Chemistry, 29<sup>th</sup> Annual Meeting, Tampa Bay, FL, USA.
- Fulton BA**, RA Brain, BW Brooks. 2008. Responses of *Lemna gibba* exposed to triclosan and a gradient of nitrogen and phosphorus concentrations and ratios. Society of Environmental Toxicology and Chemistry, 5<sup>th</sup> World Congress, Sydney, Australia.

**Fulton BA**, RA Brain, BW Brooks. 2007. Responses of *Lemna gibba* exposed to an equitoxic mixture of triclosan and metolachlor across a range of nitrogen and phosphorous ratios. Society of Environmental Toxicology and Chemistry, North American 28<sup>th</sup> Annual Meeting, Milwaukee, WI, USA.

Brooks BW, **BA Fulton**, T Scott, AJ Ramirez, TW Valenti, K Chambliss. 2007. Water quality and limnological gradients in a chain of effluent dominated urban lakes. Society of Environmental Toxicology and Chemistry, North American 28<sup>th</sup> Annual Meeting, Milwaukee, WI, USA.

Hooper MJ, KJ Kuhns, TJ McBride, H Hughes, A Ramirez, K Chambliss, **BA Fulton**, T Scott, TW Valenti, BW Brooks. 2007. Chemical occurrence in a linked waste-treatment/ land application/ 5-lake constructed wetland system. Society of Environmental Toxicology and Chemistry, North American 28<sup>th</sup> Annual Meeting, Milwaukee, WI, USA.

**Fulton BA**, RA Brain, JB Belden, BW Brooks. 2007. Individual and combined effects of triclosan and metolachlor on *Lemna gibba*. American Water Resources Association Specialty Conference, Emerging Contaminants of Concern in the Environment: Issues, Investigations, and Solutions, Vail, CO, USA.

**Fulton BA**, RA Brain, JB Belden and BW Brooks. 2007. Responses of *Lemna gibba* exposed to an equitoxic mixture of metolachlor and triclosan across a range of nitrogen and phosphorous ratios. Annual Meeting of the Society of Environmental Toxicology and Chemistry, South Central Region, Nacogdoches, TX, USA.

**Fulton BA**, JT Scott, TW Valenti, MJ Hooper and BW Brooks. 2007. Water quality and limnological gradients in an effluent-dependent chain of urban reservoirs. 110<sup>th</sup> Annual Meeting of the Texas Academy of Science, Waco, TX, USA.

**Fulton BA**. 2005. Evaluating the feasibility of trout introduction to Lake Shelia. Beta Beta Beta's Southeastern Convention. Florence, AL, USA.

### **RESEARCH GRANTS**

BA Fulton. Sustainability of Developing Watersheds: A Novel Investigation of Multiple Stressors with a Model Aquatic Macrophyte. Baylor University, C. Gus Glasscock, Jr. Endowed Fund of Excellence in Environmental Sciences. Funding Period: 2007-2008. \$25,000

### **AWARDS AND SCHOLARSHIPS**

2009	Baylor University Graduate School, Outstanding Masters Student
2008	Stark-Kaiser Environmental Science Fellowship, Baylor University \$6,000
2007	Platform presentation Award (2 <sup>nd</sup> place) at South Central Regional SETAC

- 2007 Best Student Platform Presentation at 110<sup>th</sup> Annual Meeting of the Texas Academy of Science, Waco, TX.
- 2005 Distinguished Student in Environmental Studies, Brevard College
- 2005 Distinguished Student in Ecology, Brevard College
- 2003-2005 Dean's List, Brevard College

### **PROFESSIONAL MEMBERSHIPS**

- 2006-present Member, Society of Environmental Toxicology and Chemistry