**Benjamin Michael Kraemer**

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| Education |

Lawrence University

 *B.A. magna cum laude in Environmental Science, 2008*

University of Wisconsin-Madison

 *Ph.D. Limnology and Marine Science, in progress*

 *Preliminary Exam Passed April 27th, 2012*

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| Manuscripts in Review and Preparation |

BM Kraemer, S Hook, T Hutula, P Kotilainen, CM O’Reilly, A Peltonen, P-D Plisnier, J Sarvala, R Tamatama, Y Vadeboncoeur, B Wehrli, PB McIntyre. Long-term surface warming in Lake Tanganyika: comparison between in situ temperature, space observations, and a paleotemperature proxy. 2014. In preparation.

 BM Kraemer, B Ager, AV Borges, F Darchambeau, J-P Descy, M Dix, E Gaiser, D Guss, M Kumagai, S Lewis, D Livingstone, B Marshall, O Mkumbo, G Monet, A Rimmer, M Schmid, G Schladow, E Silow, Y Vadeboncoeur, PB McIntyre. Activation energies explain global patterns in ecosystem responses to climate change. 2014. In preparation.

 BM Kraemer, B Ager, AV Borges, F Darchambeau, J-P Descy, M Dix, E Gaiser, D Guss, M Kumagai, S Lewis, D Livingstone, B Marshall, O Mkumbo, G Monet, A Rimmer, M Schmid, G Schladow, E Silow, Y Vadeboncoeur, PB McIntyre. Lake geometry and baseline temperature control stratification responses to climate change. 2014. In preparation.

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| Conference Presentations (presenter in bold) |

**BM Kraemer**, S Hook, T Hutula, P Kotilainen, CM O’Reilly, A Peltonen, P-D Plisnier, J Sarvala, R Tamatama, Y Vadeboncoeur, B Wehrli, PB McIntyre. Pelagic and littoral hydrodynamic coupling in a warming tropical lake. International Association of Great Lakes Research, Annual Meeting, Duluth, MN. 2011.

**BM Kraemer,** PB McIntyre, MJ Blum, JF Gilliam, E Hain. Landscape controls on stream dissolved organic matter in the Hawaiian archipelago. Society for Freshwater Science Annual Meeting, Louisville, KY. 2012.

**PB McIntyre,** Y Vadeboncoeur, BM Kraemer, R Munubi, S Drerup. Linking fish diversity to primary productivity: direct and indirect feedback pathways in Lake Tanganyika. Ecological Society of America, Annual Meeting, Portland, Oregon. 2012.

**BM Kraemer**, S Hook, T Hutula, P Kotilainen, CM O’Reilly, A Peltonen, P-D Plisnier, J Sarvala, R Tamatama, Y Vadeboncoeur, B Wehrli, PB McIntyre. Climate change impacts on Lake Tanganyika. American Society for Limnology and Oceanography Annual Aquatic Sciences Meeting, New Orleans, Louisiana. 2013.

**BM Kraemer**, B Ager, AV Borges, F Darchambeau, J-P Descy, M Dix, E Gaiser, D Guss, M Kumagai, S Lewis, D Livingstone, B Marshall, O Mkumbo, G Monet, A Rimmer, M Schmid, G Schladow, E Silow, Y Vadeboncoeur, PB McIntyre. Nonlinear responses of lake carbon cycling to lake warming. Joint Aquatic Sciences Meeting, Portland, Oregon. 2014.

**PB McIntyre**, E Childress, B Kraemer. Species conservation and management in novel aquatic systems. North American Congress for Conservation Biology, Missoula, Montana. 2014.

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| Teaching Experience |

Zoology 102, Introductory Zoology Lab, UW - Madison Fall 2010, Spring 2011

Zoology 316, Limnology: Conservation of Aquatic Resources Lab, UW-Madison Fall 2013

Zoology 511, Ecology of Fishes Lab, UW-Madison Spring 2014, Spring 2015

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| Grants and Awards |

Wisconsin Ecology Community Building Grant, UW-Madison, 2014

GLEON Student Travel Award, 2013, 2014

Zoology research award, UW-Madison, 2013

JJD Travel Grant, UW-Madison, 2012, 2013, 2014

Biological Scholar Award, UW-Madison, 2010

Alaska Space Grant Scholarship, NASA, 2008

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| Other Research Experience |

Cedar Creek Ecosytem Science Reserve (LTER)2009-2010

*Global environmental change research assistant*

Stroud Water Research center, 2008-2009

*Organic geochemistry research assistant*

Juneau Icefield Research Program 2008

*Earth systems science research assistant*

Lawrence University Marine Program 2008

*Coral reef research*

SEA Semester in Oceans, Climate, and the carbon Cycle 2007

*Open ocean research*

Coe College Wilderness Field Station 2007

*Freshwater field ecology research*

ACM semester in Ecology and Human Evolution 2006

*Elephant ecology research*