

## ***DR AYESHA S. BURDETT***

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### **EDUCATION**

- PhD (Environmental Science) 2005: Charles Sturt University, Australia
  - The relationship between habitat and invertebrate community structure in temporary wetlands
- Honours (Zoology) 2000: University of Melbourne, Australia
  - Acute and chronic toxicity of three rice field herbicides to aquatic invertebrate fauna
- BA/BSc (Geography and Biology) 1997: University of Melbourne, Australia

### **PROFESSIONAL EXPERIENCE**

- Research Assistant Professor, 2011-present: University of New Mexico
- Post-doctoral research associate, 2006-2011: University of New Mexico
- Technical assistant, 2005: Charles Sturt University, Australia
- Technical officer, 1998-1999 and 2000-2001: NSW Agriculture, Australia

### **PUBLICATIONS**

- Stevens, M.M., **A.S. Burdett**, E.M. Mudford, S. Helliwell, and G. Doran. 2011. The acute toxicity of fipronil to two non-target invertebrates associated with mosquito breeding sites in Australia. *Acta Tropica* 117: 125-130
- Turner, T. F., T. J. Krabbenhoft, and **A. S. Burdett**. 2010. Reproductive timing and fish community structure in an arid-land river system. In: Gido, K. and D. Jackson, eds. *Community Ecology of Stream Fishes*. American Fisheries Society Symposium 73: 427-446

- **Burdett, A.S.** and R.J.Watts. 2008. Modifying living space: An experimental study of the influences of vegetation on aquatic invertebrate community structure. *Hydrobiologia* 618: 161-173
- **Burdett, A.S.**, R. J. Watts, and A. Jansen. 2005. Invertebrate fauna of small, temporary wetlands in agroecosystems on the Murrumbidgee floodplain, Australia. *Verhandlungen Internationale Vereinigung für theoretische and angewandte Limnologie* 29 (2): 961-964
- **Burdett, A.S.**, M.M. Stevens, and D.L. Macmillan. 2001. Laboratory and field studies on the effect of molinate, clomazone and thiobencarb on non-target aquatic invertebrates. *Environmental Toxicology and Chemistry* 20 (10): 2229-2236

## **GRANTS**

- Survey of aquatic community structure and food web constituents at the Bosque del Apache NWR. PI: **A.S. Burdett**; Co-PI: Thomas F Turner. Tetra Tech, Inc. Total award: \$33,769. 1 Jul 2008 to 30 Dec 2009
- Effects of nutrient availability on periphyton growth and diversity in the Middle Rio Grande: top-down and bottom-up factors. PI: R.J. Bixby; Co-PI: **A.S. Burdett**. US Bureau of Reclamation. Total Award: \$126,077. 1 Jul 2007 to 30 Jul 2010

## **REPORTS**

- Bixby, R.J. and **A.S. Burdett**. 2011. Effects of nutrient availability on periphyton growth and diversity in the Middle Rio Grande: top-down and bottom-up factors. Report to the Middle Rio Grande Endangered Species Act Collaborative Program, USBR Albuquerque NM. 79pp.
- **Burdett, A.S.**, T.F. Turner and R.J. Bixby (2010). Rio Grande Surveys: 2006-2010. Report submitted to Bosque del Apache National Wildlife Refuge. 20pp.
- Bixby, R.J. and **A.S. Burdett**. 2009. Effects of nutrient availability on periphyton growth and diversity in the Middle Rio Grande: top-down and bottom-up factors. Report to the Middle Rio Grande Endangered Species Act Collaborative Program, USBR Albuquerque NM. 51pp.
- T.F. Turner and **A.S. Burdett**. 2009. Community responses to river drying in an arid-land ecosystem: a field and experimental study. Report to National Science Foundation, Washington, D.C. 20 pp.
- Turner, T.F., R.J. Bixby, and **A. S. Burdett**. 2009. Monitoring of aquatic food resources in support of the Channel Realignment Project at the Bosque del Apache Wildlife Refuge. Report to Tetrattech, Inc. Albuquerque, NM 24 pp.
- **Burdett, A.S.**, and T. F. Turner. 2008. Community responses to river drying in an arid-land ecosystem: a field and experimental study. Annual report submitted to the National Science Foundation. June 2008. 10pp.
- **Burdett, A.S.** and R.J. Bixby. 2008. Effects of nutrient availability on periphyton growth and diversity in the Middle Rio Grande:top-down and bottom-up factors. Annual report to the U. S. Bureau of Reclamation, December 2008. 60 pp.

## **ACADEMIC SERVICE**

### **AD HOC REVIEWER**

- Limnology and Oceanography (1 paper)
- Hydrobiologia (1 paper)
- Marine and Freshwater Research (1 paper)
- NSF Ecosystem Science Cluster (2 proposals)
- Ecological Research (1 paper)
- Delta Science Program (1 proposal)

### **MEMBERSHIP OF SCIENTIFIC COMMITTEES**

- Database Management System Ad Hoc Work Group, Middle Rio Grande Endangered Species Collaborative Program. April 2008 – present
- San Acacia Reach Ad Hoc Work Group, Middle Rio Grande Endangered Species Collaborative Program. September 2009 – 2010

## **ATTENDANCE AT PROFESSIONAL MEETINGS**

- North American Benthological Society 59<sup>th</sup> Annual Meeting, Providence, RI. 22-26 May 2011
- North American Benthological Society 58<sup>th</sup> Annual Meeting (joint meeting with American Society for Limnology and Oceanography), Santa Fe, NM. 6-11 May 2010
- 94<sup>th</sup> Annual Meeting of the Ecological Society of America. Albuquerque, NM. August 2009
- International Society for River Scientists, St Pete Beach, FL. 12-17 July 2009
- Festival of the Cranes Research Day, Bosque del Apache National Wildlife Refuge, NM. 19 November 2008
- University of New Mexico Annual Fall Water Forum, Albuquerque, NM. 5 October 2008
- North American Benthological Society 56<sup>th</sup> Annual Meeting, Salt Lake City, UT. 25-30 May 2008
- University of New Mexico Third Annual Student Water Symposium, Albuquerque, NM. 28 March 2008
- North American Benthological Society 55<sup>th</sup> Annual Meeting. Columbia, SC. 3-8 June 2007
- Annual Fall UNM Water Forum. Albuquerque, NM. 5 October 2007
- Middle Rio Grande Endangered Species Collaborative Program: Second Annual Symposium. Albuquerque, NM. 16-17 April 2007

- American Society of Limnology and Oceanography Aquatic Sciences Meeting. Santa Fe, NM. 2-9 February 2007
- Desert Fishes Council 38th Annual Meeting. Death Valley, CA. 15-18 November 2006
- Annual Fall UNM Water Forum. Albuquerque, NM. 31 October 2006
- Middle Rio Grande Endangered Species Collaborative Program: First Annual Symposium. Albuquerque, NM. 11-12 April 2006
- International Society for Limnology XXIX Congress. Lahti, Finland. 8-14 August 2004
- 34th Australian Entomological society / 6th Invertebrate Biodiversity & Conservation Combine Conference, Hobart , Tasmania 2003
- Johnson Centre Biodiversity Forum Thurgooona, NSW, Australia. 2003
- Australian Society for Limnology Annual Conference. Margaret River, WA, Australia. 29 September – 3 October 2002
- Invertebrate Biodiversity and Conservation 5<sup>th</sup> Conference, Adelaide, SA, Australia. 2001

### INVITED TALKS

- Turner, T. F., T. J. Krabbenhoft, and **A. S. Burdett**. *Reproductive timing and the assembly of larval fish communities in a highly variable river system, the Rio Grande in New Mexico*. Invited Symposium: Community Ecology of Stream Fishes: Concepts, Approaches, and Techniques. American Fisheries Society, Ottawa, Ont. Canada. 17-21 August 2008

### CONTRIBUTED TALKS

- **Burdett, A.S.**, and T.F. Turner. *Of droughts and flooding rains: aquatic invertebrate community ecology in a dryland river (Rio Grande, New Mexico)*. North American Benthological Society 59<sup>th</sup> Annual Meeting, Providence, RI. 22-26 May 2011
- Bixby, R.J., **A.S. Burdett**, and N. Lopez-Brody. *Role of desiccation periodicity in shaping algal community heterogeneity in an aridland river*. North American Benthological Society 59<sup>th</sup> Annual Meeting, Providence, RI. 22-26 May 2011
- **Burdett, A.S.**, and T.F. Turner. *Biotic assemblages and wetland-river interactions in an aridland riverine system*. North American Benthological Society 58<sup>th</sup> Annual Meeting (joint meeting with American Society for Limnology and Oceanography), Santa Fe, NM. 6-11 May 2010
- Bixby, R.J., and **A.S. Burdett**. *Non-uniform inputs from tributaries shape periphyton patchiness in an aridland river*. North American Benthological Society 58<sup>th</sup> Annual Meeting (joint meeting with American Society for Limnology and Oceanography), Santa Fe, NM. 6-11 May 2010
- Bixby, R. J. and **A. S. Burdett**. *Nutrient and water quality influences on algal biomass and community composition in an aridland river*. Ecological Society of America 94<sup>th</sup> Annual Meeting, Albuquerque, NM. August 2009

- **Burdett, A. S.** and T. F. Turner. *A study of temporal dynamics in a dryland river: the middle Rio Grande, New Mexico.* International Society for River Science 1<sup>st</sup> Annual Meeting, St. Pete Beach, FL. July 2009
- Bixby, R.J., **A.S. Burdett**, and N. Daves-Brody. *Preliminary diatom biodiversity in an arid-land river, Southwestern United States.* International Diatom Symposium, Dubrovnik, Croatia. 7-13 September 2008
- **Burdett, A.S.**, T.F. Turner, and M.K. Tellez. *Community responses to variable flows in an arid-land river.* North American Benthological Society 56<sup>th</sup> Annual Meeting, Salt Lake City, UT. 25-30 May 2008
- Bixby, R.J., **A.S. Burdett**, and N. Daves-Brody. *Nutrient availability on periphyton biomass and diversity in the Middle Rio Grande.* North American Benthological Society 56<sup>th</sup> Annual Meeting, Salt Lake City, UT. 25-30 May 2008
- Turner, T. F., **A.S. Burdett**, and M.S. Edwards. *A comparative stable isotope study of fish communities in the Rio Grande and Murray-Darling basins: What are the effects of intensive river regulation?* North American Benthological Society 56<sup>th</sup> Annual Meeting Salt Lake City, UT. 25-30 May 2008
- **Burdett, A. S.** and T. F. Turner. *River food webs during summer dry-down in the Middle Rio Grande: a study using stable isotope analysis.* North American Benthological Society 55<sup>th</sup> Annual Meeting. Columbia, SC. 3-8 June 2007
- **Burdett, A.S.** *Aquatic invertebrate faunal assemblages in small, temporary wetlands on the Murrumbidgee floodplain, Australia.* International Society for Limnology XXIX Congress. Lahti, Finland. 8-14 August 2004
- **Burdett, A.S.** 34th Australian Entomological society / 6th Invertebrate Biodiversity & Conservation Combine Conference, Hobart , Tasmania 2003
- **Burdett, A.S.** *Biodiversity of aquatic invertebrates on the Murrumbidgee floodplain.* Johnson Centre Biodiversity Forum Thurgoona, NSW, Australia. 2003
- **Burdett, A.S.** *Temporary wetlands on the Murrumbidgee River floodplain: can invertebrate community structure be predicted by habitat structure?* Australian Society for Limnology Annual Conference. Margaret River, WA, Australia. 29 September – 3 October 2002

## **POSTER PRESENTATIONS**

- Love, C.A., **A.S. Burdett**, and T.F. Turner. *The feeding habits of larval fishes: abiotic influences and food web impact.* UNM Department of Biology 20<sup>th</sup> Annual Research Day Albuquerque, NM April 2011
- Peralta, M.F., **A.S. Burdett**, C.A. Love, and T.F. Turner. *Influences of habitat and predatory fish on mosquito abundance in a mesocosm experiment.* UNM Department of Biology 20<sup>th</sup> Annual Research Day Albuquerque, NM April 2011
- Sayre, K.R., **A.S. Burdett**, R.J. Bixby and T.F. Turner. *Dynamics of bottom-up and top-down effects on biotic assemblages during drydown in the Rio Grande: A mesocosm experiment.* UNM Department of Biology 20<sup>th</sup> Annual Research Day Albuquerque, NM April 2011

- Esquibel, J.M., **A.S. Burdett**, and R.J. Bixby. *Effects of nitrogen as a limiting resource on aquatic abundance and richness*. UNM Department of Biology 20<sup>th</sup> Annual Research Day Albuquerque, NM April 2011
- Peralta, M.F., **A.S. Burdett**, and T.F. Turner. *The biological control of mosquito larvae populations using larvivorous fish: An eco-friendly approach*. Desert Fishes Council 42<sup>nd</sup> Annual Meeting, Moab, UT. 18-21 November 2010
- Kraus, J.S., **A.S. Burdett**, and T.F. Turner. *Aquatic food web structure in drying pools using isotope data from a mesocosm experiment and surveys in the Rio Grande, New Mexico*. Desert Fishes Council 42<sup>nd</sup> Annual Meeting, Moab, UT. 18-21 November 2010
- Peralta, M.F., **A.S. Burdett**, and T.F. Turner. *The biological control of mosquito larvae populations using larvivorous fish: An eco-friendly approach*. 2010 Summer biomedical Research Symposium. University of New Mexico. 10 August 2010
- Bishara, R.K., **A.S. Burdett**, and T.F. Turner. *Comparison of community structure in a controlled mesocosm experiment and natural freshwater systems in the middle Rio Grande, New Mexico*. North American Benthological Society 58<sup>th</sup> Annual Meeting (joint meeting with American Society for Limnology and Oceanography), Santa Fe, NM. 6-11 May 2010
- Johnson, E.L., **A.S. Burdett**, and T.F. Turner. *Larval fishes as predators during river drydown: Diet and stable isotopes reveal important spatial and temporal effects on meiofauna*. North American Benthological Society 58<sup>th</sup> Annual Meeting (joint meeting with American Society for Limnology and Oceanography), Santa Fe, NM. 6-11 May 2010
- Kraus, J.S., **A.S. Burdett**, and T.F. Turner. *Aquatic food web structure in drying pools using isotope data from a mesocosm experiment and surveys in the Rio Grande, New Mexico*. North American Benthological Society 58<sup>th</sup> Annual Meeting (joint meeting with American Society for Limnology and Oceanography), Santa Fe, NM. 6-11 May 2010
- Bishara, R. K., C. A. Love, E. L. Johnson, **A. S. Burdett**, and T. F. Turner. *Aquatic invertebrate ecology in the Rio Grande, New Mexico: a comprehensive undergraduate training program*. Desert Fishes Council 41<sup>st</sup> Annual Meeting, Death Valley National Park, CA. 18-22 November 2009
- **Burdett, A.S.** and R.J. Bixby. *Bottom-up and top-down effects on algal community dynamics in an aridland river: the Middle Rio Grande, New Mexico*. Ecological Society of America 94<sup>th</sup> Annual Meeting, Albuquerque NM. August 2009
- Fencel, J. S., **A. S. Burdett**, T. F. Turner. *Comparison of invertebrate sampling methods in the Middle Rio Grande*. Ecological Society of America, 94<sup>th</sup> Annual Meeting Albuquerque, NM. August 2009
- M. K. Tellez, **A. S. Burdett**, T.F. Turner. *Allometric relationships between linear body dimensions and dry mass for some freshwater macroinvertebrates in the Middle Rio Grande, NM*. Ecological Society of America, 94<sup>th</sup> Annual Meeting Albuquerque, NM. August 2009
- Fencel, J. S., **A. S. Burdett**, T. F. Turner. *Comparison of invertebrate sampling methods in the Middle Rio Grande*. North American Benthological Society, 57<sup>th</sup> Annual Meeting Grand Rapids, MI . May 2009

- M. K. Tellez, **A. S. Burdett**, T.F. Turner. *Length-mass relationships for freshwater macroinvertebrates of the Middle Rio Grande, NM*. North American Benthological Society 57<sup>th</sup> Annual Meeting Grand Rapids, MI. May 2009
- Fencl, J. S., **A. S. Burdett**, T. F. Turner. *Comparison of invertebrate sampling methods in the Middle Rio Grande*. UNM Department of Biology 18<sup>th</sup> Annual Research Day Albuquerque, NM April 2009
  - Awarded Best Undergraduate Student Poster Presentation
- M. K. Tellez, **A. S. Burdett**, T.F. Turner. *Allometric relationships between linear body dimensions and dry mass for some freshwater macroinvertebrates in the Middle Rio Grande, NM*. UNM Department of Biology 18<sup>th</sup> Annual Research Day Albuquerque, NM. April 2009
- Bixby, R.J., **A.S. Burdett**, and N. Daves-Brody. *Preliminary diatom biodiversity in an aridland river, Southwestern United States*. Festival of the Cranes at the Bosque del Apache National Wildlife Refuge, San Antonio, NM, 18-23 November 2008
- **Burdett, A.S**, Turner, T. F., Tellez, M. K. and Fencl, J.S. *Aquatic food web studies at Bosque del Apache*. Festival of the Cranes at the Bosque del Apache National Wildlife Refuge, San Antonio, New Mexico, 18-23 November 2008
- Llewellyn, D., D. Hathaway, W. Kuhn, M. Marcus, B. Bussetter, T. Caplan, T., C. Jones, T.F. Turner, and **A.S. Burdett**. *Should we move the Rio Grande?* Festival of the Cranes at the Bosque del Apache National Wildlife Refuge, San Antonio, NM. 18-23 November 2008
- Daves-Brody, N., R.J. Bixby, and **A.S. Burdett**. *Seasonal effects on water chemistry and algal growth and diversity in the Rio Grande*. North American Benthological Society 56<sup>th</sup> Annual Meeting, Salt Lake City, UT. 25-30 May 2008
- Tellez, M. K., **A.S. Burdett**, and T.F. Turner. *Length-mass relationships for freshwater macroinvertebrates in the Middle Rio Grande, New Mexico*. North American Benthological Society 56<sup>th</sup> Annual Meeting, Salt Lake City, UT. 25-30 May 2008
- Daves-Brody, N., Bixby, R.J., and **A.S. Burdett**. *Seasonal effects on water chemistry and algal growth and diversity in the Rio Grande*. University of New Mexico, Department of Biology Student Research Day Albuquerque, NM. 11 April 2008
- Tellez, M. K., **A.S. Burdett**, and T.F. Turner. *Length-mass relationships for freshwater macroinvertebrates in the Middle Rio Grande, New Mexico*. University of New Mexico, Department of Biology Student Research Day Albuquerque, NM. 11 April 2008
- Daves-Brody, N., R.J. Bixby, and **A.S. Burdett**. *Seasonal effects on water chemistry and algal growth and diversity in the Rio Grande*. University of New Mexico Third Annual Student Water Symposium, Albuquerque, NM. 28 March 2008
- Tellez, M. K., **Burdett, A.S**, and Turner, T. F. *Length-mass relationships for freshwater macroinvertebrates in the Middle Rio Grande, New Mexico*. University of New Mexico Third Annual Student Water Symposium, Albuquerque, NM 28 March 2008

## **STUDENT MENTORSHIP**

### **RESEARCH EXPERIENCE FOR UNDERGRADUATES (REU)**

- summer 2010: Kayla R. Sayre
- summer 2009: Corey A. Love and Erica L. Johnson
- summer 2008: Jane S. Fencil
- summer 2007: Nathan Daves-Brody and Monica K. Tellez
- summer 2006: Aimee Mareck

#### **REU STUDENT INTERNS AT THE SEVILLETA NATIONAL WILDLIFE REFUGE**

- summer 2010: Harmony Lu (Brown University)
- summer 2009: Lian Liu (University of Michigan)

#### **UNDERGRADUATE NURTURING OPPORTUNITIES (UNO)**

- 2010-present: Matthew F. Peralta
- 2009-10: Raphaelita K. Bishara
- 2007-08: Monica K. Tellez

#### **UNDERGRADUATE SENIOR RESEARCH PROJECT**

- 2010-11: Jessica M. Esquibel
  - Effects of nitrogen as a limiting resource on aquatic abundance and richness
- 2008-2009: Jane S. Fencil
  - Comparison of aquatic invertebrate sampling methods in the Middle Rio Grande
  - Summa Cum Laude

#### **UNDERGRADUATE RESEARCH ASSISTANT**

- 2011: Sarah Sasek
- 2010-11: Jessica M. Esquibel
- 2010-present: Kayla R. Sayre
- 2009-present: Jennifer S. Kraus
- 2009-10: Corey A. Love
- 2008-09: Jane S. Fencil
- 2007-10: Nathan Lopez-Brody

#### **SUMMER STUDENTS AT CHARLES STURT UNIVERSITY**

- 2003-04: Kate Lightfoot
- 2002-03: Robert deLigt

#### **UNDERGRADUATE VOLUNTEERS**

- 2001-04: Chris Coombes, Tobi Edmonds, Daniel Francis, Jess Newton, Andrew Burl, Roger Nye, Jodi Chapman, Sascha Healey, Omar Annaiz and Skye Healey



## **UNDERGRADUATE STUDENT TEACHING**

- Guest lecture for Biology 495 (Limnology), *Stable Isotopes and Food Web Ecology*. 23 April 2010, 18 April 2011
- Guest lecture for Biology 495 (Limnology), *Benthic Invertebrates and Benthic Insects*. 15-17 April 2009
- Guest lecture for Biology 514 (Ecosystem Studies), *Stable Isotopes and Food Web Ecology*. 5 November 2008
- Guest lecture for Biology 203 (Ecology and Evolution) at UNM. 16 October 2007
- Teaching assistant in Biology and Ecology, Charles Sturt University (2002-05)

## **WORKSHOPS AND COURSES**

- Systematic Evaluation of Ecological Literature to Support Causal Inference: Tools and Methods. North American Benthological Society 59<sup>th</sup> Annual Meeting, Providence, RI. 22 May 2011
- 31752 The Keys to Effective Editing. Division of Continuing Education and Community Services, Continuing Education at UNM. 20 October –10 December 2010
- Aquatic Craneflies (Tipulidae): Taxonomy Workshop. May 25 2008. North American Benthological Society 56<sup>th</sup> Annual Meeting, Salt Lake City, UT. 25-30 May 2008
- 53601 FBA Beginning Access. Division of Continuing Education and Community Services, Continuing Education at UNM. 4-11 September 2007
- Crayfishes: A Workshop. June 3 2007. North American Benthological Society 55<sup>th</sup> Annual Meeting. Columbia, SC. 3-8 June 2007
- From Ship to Shore to the Newspaper: workshop on science journalism. 7 February 2007. American Society of Limnology and Oceanography Aquatic Sciences Meeting. Santa Fe, NM. 2-9 February 2007

## **PRIZES AND AWARDS**

- Best Undergraduate Student Poster Presentation: Fencl, J. S., **A. S. Burdett**, and T. F. Turner. Comparison of invertebrate sampling methods in the Middle Rio Grande. UNM Department of Biology 18<sup>th</sup> Annual Research Day Albuquerque, NM April 2009
- Student travel grant, 2005. Ecological Society of Australia: Attend Science Meets Parliament March 8-9 2005
- Postgraduate Student Travel Grant, 2004. The Johnstone Centre (CSU), Albury NSW: Attend XXIX Congress of the International Association of Applied and Theoretical Limnology
- CSU Postgraduate Association Mike King Award for Academic Excellence, 2003. Charles Sturt University, Wagga Wagga NSW

- Student Prize for Oral Presentation, 2002. Australian Society for Limnology, Margaret River WA: “Temporary wetlands on the Murrumbidgee River floodplain: can invertebrate community structure be predicted by habitat structure?”

## **COMMUNITY INVOLVEMENT**

### **JUDGING AT HIGH SCHOOL SCIENCE FAIRS**

- Judge at Amy Biehl High School Science Fair: 2010
- Regional judge for Central NM Science and Engineering Research Challenge: 2007, 2008, 2010, 2011
- Regional judge representing NABS at Intel International Science and Engineering Fair (ISEF) – May 13-19 2007, Albuquerque NM

### **JUDGING FOR UNIVERSITY AND NATIONAL SCIENTIFIC MEETINGS**

- Judge for Research Day, UNM Biology Department 2007, 2008, 2010, 2011
- Judge at North American Benthological Society Annual Meeting, 2007, 2008, 2010, 2011

### **PRESENTATIONS TO A GENERAL AUDIENCE**

- Burdett, A.S., and C.A. Love. Finding nematodes: Food web ecology in the Rio Grande, New Mexico. Albuquerque BioPark. 2 October 2010
- Aquatic invertebrate collection, identification, and ecology. Rio Grande Nature Center GK12 students, Albuquerque NM. 21 February 2009
- Fish and invertebrate ecology, mesocosm experimental site at the Sevilleta National Wildlife Refuge. GK12 students, Albuquerque NM. 1 July 2009

## **PROFESSIONAL MEMBERSHIPS**

- North American Benthological Society
- Ecological Society of America
- Ecological Society of Australia
- Australian Society for Limnology
- Australian Conservation Foundation