

## Jason L. Locklin

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**ADDRESS:**

2600 South First St  
Temple, TX 76504

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**Education:**

Ph.D. (in progress) Baylor University, Waco, TX <i>Dissertation topic:</i> Gregarine parasitism in Texas dragonflies	present
M.S. Aquatic Biology, Texas State University, San Marcos, TX <i>Thesis title:</i> Life history of the alderfly, <i>Sialis</i> (Megaloptera: Sialidae), in Town Lake and the San Gabriel River in central Texas with a key to the species occurring in Texas	2001
B.S. Aquatic Biology, Texas State University, San Marcos, TX	1999
A.A. Temple College, Temple, TX.	1997

**Current Position:**

Ph.D. Candidate, Department of Biology, Baylor University, Waco, TX 76798	2005 - present
Biology Instructor, Department of Biology, Temple College, Temple, TX 76504	2004 - present

**Professional History:**

Adjunct Biology Instructor, McLennan Comm. College, Waco, TX	Jan 2004 – May 2004
Adjunct Biology Instructor, Temple College, Dept. of Biology, Temple, TX	Jan 2002 – Aug 2004
Texas Parks and Wildlife, San Marcos, TX: Natural Resource Specialist II	May 2002 – Aug 2002
NCS Pearson, Austin, TX: Professional Scorer (temporary)	Mar 2002 – May 2002
Edward's Aquifer Research and Data Center, Aquatic Station, Texas State University, San Marcos, TX: Volunteer in Aquatic Toxicity Testing Laboratory.	Jan 1999 – May 1999
Southwest Texas State University, Department of Biology, San Marcos, TX: Undergraduate Research Associate	May 1998 – Apr 1999

**Skills:**

Teaching both major and non-major biology courses/labs  
Excellent communication and organization skills  
Technical and scientific writing

## Skills (cont.)

Working knowledge of both IBM compatible and Macintosh operating systems  
 Experience with MS Word, Excel, PowerPoint, SPSS, SAS  
 Aquatic Insect taxonomy  
 Collecting aquatic invertebrates and vertebrates  
 Dedicated, committed, work well in a team environment as well as independently

## Courses Taught:

General Biology I (BIOL 1406)	Temple College	Spring 2001 - present
General Biology II (BIOL 1407)	Temple College	Summer 2003 – present
Human Anatomy and Physiology I (BIO 2401)	McLennan Comm. College	Spring 2004
Human Anatomy and Physiology I (BIOL 2401)	Temple College	Fall 2002 – present
Human Anatomy and Physiology II (BIOL 2402)	Temple College	Fall 2004 – present
Human Anatomy and Physiology (BIOL 2404)	Temple College	Summer 2003 – present
Modern Biology II (Bio 1421, T.A.)	Texas State Univ.	Fall 2000 – Fall 2001
Aquatic Biology (Bio 3460, T.A.)	Texas State Univ.	Fall 2000 – Fall 2001

## University, College and Departmental and Professional Services:

Student organization sponsor: Temple College Science Club	2009
Biology Instructor Search Committee	2009
Temple College Scholarship Selection Committee	2008-2009
Biology Instructor Search Committee (2)	2008
Texas College Readiness Project, Texas Higher Education Coordinating Board	2008
Distant Education Advisory Committee	2008-present
New Science Building Development Committee	2007
Associate Vice President of Health Profession Search Committee	2007
Biology Instructor Search Committee (2)	2007
Economics Instructor Search Committee (2)	2007
Biology Instructor Search Committee	2006
Student organization sponsor: Temple College Democrats	Spring 2005-present
Graduate Representative – TriBeta Biological Honor Society, TX State Univ.	1999-2000

## Publications and Reports:

**Locklin, J.L.** and D.S. Vodopich. In prep. Patterns of gregarine parasitism in central Texas dragonflies: host, habitat, and season.

**Locklin, J.L.** and D.S. Vodopich. 2009. Bidirectional sex biases in gregarine parasitism in two coexisting dragonflies. *Odonatologica*. In press.

**Locklin, J.L.** and B. Liles. 2009. Exploring Biology: Functional and Organismal Biology Laboratory Exercises. Hayden McNeil Publishing, Plymouth, Michigan. 284 pp.

**Locklin, J.L.** 2008. Texas alderflies (Megaloptera: Sialidae): New records, distributions, and a key to adults in Texas. *Southwestern Naturalist* 53:524-528..

Simpson, P.H., E.C. Morgan, and **J.L. Locklin**. 2008. Human Anatomy & Physiology Laboratory Manual. Stipes Publishing, Champaign, Illinois. 201 pp.

## Publications and Reports (cont.)

**Locklin, J.L.** 2007. New record of the alderfly *Sialis mohri* (Megaloptera: Sialidae) from Texas and Louisiana, U.S.A. *Entomological News* 118:431-432.

**Locklin, J.L.,** T.L. Arsuffi, and D.E. Bowles. 2006. Life history of *Sialis* (Megaloptera: Sialidae) in a lentic and lotic ecosystem in central Texas. *American Midland Naturalist* 155: 50-62.

Bowles, D.E. and **J.L. Locklin.** 2002. Attachment of a microcaddisfly (Trichoptera: Hydroptilidae) pupa to the leg of a water scorpion, *Ranatra buenoi* (Hemiptera: Nepidae). *Entomological News* 113: 267-269.

**Locklin, J.L.** 2001. Life history of the alderfly, *Sialis* (Megaloptera: Sialidae), in Town Lake and the San Gabriel River in central Texas with a key to the species occurring in Texas. Master's Thesis. Southwest Texas State University (now Texas State University).

## Reviewer:

### Peer Review Journals:

Reviewer for *Entomological News*.

### Textbooks:

Audesirk, T., G. Audesirk, and B.E. Byers. Biology: Life on Earth, 8<sup>th</sup> ed. Prentice-Hall Publishing, Upper Saddle River, NJ.

Brooker, Widmaier, Graham, and Stiling. Biology, 1<sup>st</sup> ed. McGraw Hill Publishing, New York, NY.

Hoefnagel, M. Biology: Concepts and Investigations. 1<sup>st</sup> ed. McGraw Hill Publishing, New York, NY.

Mader, S.S. Biology, 9<sup>th</sup> ed. McGraw Hill Publishing, New York, NY.

Saladin, K.S. Anatomy & Physiology, 5<sup>th</sup> ed. McGraw Hill Publishing, New York, NY.

## Presentations:

**Locklin, J.L.** and D.S. Vodopich. 2009. Gregarine parasitism (Apicomplexa: Eugregarinorida) in central Texas dragonflies: host, habitat, and temporal patterns. Annual Meeting. Texas Academy of Science. Junction, Texas.

**Locklin, J.L.** 2009. The distribution and ecology of Texas alderflies (Megaloptera: Sialidae). Annual Meeting. Texas Academy of Science. Junction, Texas.

**Locklin, J.L.** and D.S. Vodopich. 2008. The distribution of intestinal gregarine parasites (Apicomplexa: Eugregarinorida) in dragonflies of central Texas, USA. Annual Meeting. Entomological Society of America. Reno, Nevada.

**Locklin, J.L.** and D.S. Vodopich. 2007. Occurrence and distribution of gregarine parasites in Central Texas dragonflies. Annual Meeting. Texas Academy of Science. Waco, Texas.

**Locklin, J.L.** and T.L. Arsuffi. 2002. Life history of the alderfly, *Sialis* (Megaloptera: Sialidae), in a lentic and a lotic ecosystem in central Texas. Annual Meeting. Texas Academy of Science. Laredo, Texas.

## Presentations (cont.)

**Locklin, J.L.** and T.L. Arsuffi. 2001. Life history variation in the alderfly, *Sialis velata* (Megaloptera: Sialidae), in subtropical central Texas: Effects of lentic and lotic conditions. Annual meeting. Entomological Society of America. San Diego, California.

**Locklin, J.L.**, M.M.Reimer, and T.L. Arsuffi. 2001. Effects of substrate conditioning on benthic macroinvertebrate recolonization in the San Marcos River, Texas. Annual meeting. Texas Academy of Science. San Marcos, Texas.

**Locklin, J.L.** and T.L. Arsuffi. 2001. Life history of lentic and lotic populations of *Sialis velata* (Megaloptera: Sialidae) in subtropical Central Texas. Annual meeting. Texas Academy of Science. San Marcos, Texas.

**Locklin, J.L.**, M.M.Reimer, and T.L. Arsuffi. 2001. Effects of substrate conditioning on benthic macroinvertebrate recolonization in the San Marcos River, Texas. Biological Colloquium. Southwest Texas State University. San Marcos, Texas.

## Unpublished Documents:

Lab Material: Introduction to Human Anatomy & Physiology (Biol 2404). **J.L. Locklin** and E. Morgan. Temple College, Temple, TX. 2003.

## Media Productions:

Locklin, J.L. 2004. Histology slides for A&P I (Biol 2401). Temple College, Media Center.

## Grants, Stipends, Awards, and Honors:

Faculty Development Leave Grant, Temple College, \$22,550	2009-2010
Texas Academy of Science Ph.D Research Grant, \$1,500	Spring 2009
Texas Academy of Science graduate student presentation award, honorable mention, Junction, TX	Spring 2009
2009 National Institute for Staff and Organizational Development (NISOD) Excellence Award, Temple College.	Spring 2009
Entomological Society of America's President's Prize: 2 <sup>nd</sup> place in student competition for presentation at the annual meeting, Reno, NV (Systematics, Evolution, and Biodiversity)	Fall 2008
Fred and Yetta Richan Development Award for contributions to aquatic biology. Texas State University, Department of Biology.	Spring 2001
Academic Excellence Award. Texas State University, Department of Biology.	Spring 2001
USGS Certificate of completion "Theory and concepts of the instream flow incremental methodology" (IF 250). USGS.	Fall 2000

## Grants, Stipends, Awards, and Honors (cont)

Southwest Texas State University Science/Math/Technology Education Institute certificate of appreciation for technical assistance and for efforts to improve secondary education in science. Texas State University.	Summer 1998
Beta Beta Beta (Biological Honor Society), Texas State University.	Spring 1998
Phi Theta Kappa (International Honor Society of the two-year college), Temple College.	Spring 1997

## Student Advised Research

Huckabee, Josh. 2009. Wing symmetry in Odonata: flight and symmetry. Temple College.

Cummings, Dave. 2007. Predicting dragonfly wing load using hind wing length with linear regression. Temple College.

## Student Research Committees

Strohm, Tamara. 2009. The effects of gregarine parasites on egg production in five dragonfly species. Honor's Thesis, Baylor University.

## Professional Affiliations:

Societas Internationalis Odonatologica	2009 – present
American Entomological Society	2007 – present
Dragonfly Society of the Americas	2005 – present
Texas Community College Teachers Association	2004 – present
National Association of Biology Teachers	2003 – present
Entomological Society of America	2001 – present
Texas Academy of Science	2000 – present
North American Benthological Society	1998 – present

## References:

Available upon request