

CURRICULUM VITAE

Kevin J. Boyer

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Science Division
Widener University
Chester, PA. 19013
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OCCUPATION: Senior Lecturer in Biology at Widener University Chester, PA.

EDUCATION: B.S. Biology Albright College Reading, PA. 1983
M.S. Biology Villanova University Villanova, PA. 1987

RESEARCH INTERESTS: Pathology of Bacteria
Diagnostic Bacteriology
Pathology of Protozoan Parasites
Electron and Light Microscopy
Human Anatomy and Physiology

FOREIGN LANGUAGES: German (written, oral)

Academic Positions Held

1987-Current Senior Lecturer in Biology, Science Division
Widener University Chester, PA.

2011 – 2013 Adjunct Instructor of Anatomy and Physiology
Delaware County Community College Marple, PA

1985-1987 Graduate Assistant, Department of Biology
Villanova University Villanova, PA.

1983-1985 Laboratory Assistant, Science Department
Reading Area Community College Reading, PA.

Courses Taught

Reading Area Community College

General Biology Laboratory
Anatomy and Physiology Laboratory
Anatomy and Physiology Lecture (team taught)
Microbiology Laboratory

Villanova University

Anatomy and Physiology Laboratory
Zoology Laboratory
General Biology Laboratory (non-majors)

Widener University

Anatomy and Physiology I&II Laboratory (Biol 123-124)
Microbiology Laboratory (Biol 220)
Principles of Biological Systems Laboratory (Biol 101)
Food Science II Laboratory (Sci 210)
Fundamentals of Biology Laboratory (Biol 153-154) (guest lecturer)
Histology Laboratory (Biol 505)
Comparative Animal Physiology Laboratory (Biol 303)
Zoology Laboratory (Biol 203)
Principles of Biological Systems (Biol 101)
Microbiology (Biol 219)
Anatomy and Physiology I (Biol 121)
Anatomy and Physiology II (Biol 122)
Food Microbiology (Biol 209) (guest lecturer)
Human Physiology (Biol 102)

Delaware County Community College

Anatomy and Physiology I (Biology 150)
Anatomy and Physiology II (Biology 151)

Community Service

2014 – Current Media Borough Council
Elected in November of 2013 to four year term beginning January of 2014

Academic Administration

1993 Committee for Adjunct Supervision

1996 Advisor - Widener Mountain Bike Club

Scholarly Activities

Meetings Attended

1988 Conference for Instructors of General Biology Lafayette College Easton, Pa.

1990 National Conference on Undergraduate Research Union College
Schenectady, N.Y.

1992 National Conference on Undergraduate Research University of Minnesota
Minneapolis, Mn.

Faculty Development Courses

Fall 1992 Biology of Microorganisms I - Thomas Jefferson University

Spring 1993 Biology of Microorganisms II - Thomas Jefferson University

Summer 1997 Emerging and Reemerging Infectious Diseases (NSF Faculty
Development Program - Temple University Field Center)

Spring 1999 Molecular Medical Microbiology, Pathogenesis, Diagnosis and
Molecular Typing (NSF Faculty Development Program – Clark
Atlanta University Field Center)

Spring 2002 Immunology: Basic Principles and Practical Applications of the
Dynamic Nature of the Immune Response (NSF Faculty Development
Program – Temple University Field Center)

Spring 2004 Current Topics in Microbiology (NSF Faculty Development Program –
Temple University Field Center)

Publications

Refereed Articles

- Brodkin, M.A., Simon, M.P., DeSantis, A.M. and K.J. Boyer
1992 The Response of *Rana pipiens* to Graded Doses of
the Bacterium *Pseudomonas aeruginosa* Journal of
Herpetology 26:490-495
- Simon, M.P., Brodtkin, M.A., Boyer, K.J., and R.S. Weiman
1992 The Effect of Habitat Acidification on the
Ability of *Rana pipiens* to Resist Bacterial Infections
(in preparation)

Published Abstracts

- Weiman, R.S., Caron, R.J., Brodtkin, M.A. and K.J. Boyer 1992
The Effect of an Acidic pH on the Systemic Distribution
of Bacteria in Anuran Amphibians Abstract Proceedings
of the National Conference on Undergraduate Research
Minneapolis, Mn.
- Simon, M.P., Brodtkin, M.A., Boyer, K.J., Betz, L., Caron,
R.J., Weiman, R.S., and A.M. DeSantis 1991 Effects of
Acidification on Microbial Virulence in Anurans
Abstract Annual Meeting of the Society for the Study
of Amphibians and Reptiles State College, Pa.
- DeSantis, A. M., Simon, M.P., Brodtkin, M.A., and K.J. Boyer
1990 Response of Leopard Frogs, *Rana pipiens*, to
Inoculation with Pathogenic Bacteria Abstracts of the
Annual Joint Meeting of the Herpetologist League and
the Society for the Study of Amphibians and Reptiles
New Orleans, La.
- Brodtkin, M.A., DeSantis, A.M., Simon, M.P. and K.J. Boyer
1990 Response of *Rana pipiens* to the bacterium
Pseudomonas aeruginosa Abstract Proceedings of the
National Conference on Undergraduate Research
Schenectady, N.Y.