

Alexandra Massey Kurtz
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School of Science and Technology
Georgia Gwinnett College
1000 University Center Lane
Lawrenceville, GA 30043

Education:

1986-1987 University of Georgia, Athens, Georgia

1987-1990 Georgia State University, Atlanta, Georgia
B.S. Biology, December, 1990

1991-1995 Georgia State University, Atlanta, Georgia
Ph.D. Biological Science, Microbiology, August 1995
Major Professor: Sidney A. Crow, Jr.
“Effects of biologically active monoaromatic compounds on three yeasts.”

Professional Experience:

August 2007-August 2008 Special Assistant to the Vice President of Academic and Student Affairs,
Georgia Gwinnett College, Lawrenceville, GA

August 2006-Present Assistant Professor of Microbiology, Georgia Gwinnett College, School
of Science and Technology, Lawrenceville, GA

August 2003-July 2006 Lecturer, University of Georgia, Franklin College of Arts & Sciences
Gwinnet University Center, Lawrenceville, GA.

June 1999-August 2003 Lecturer, University of Georgia Microbiology Department,
Athens, GA

November 1996-
June 1999: Microbiologist, DeKalb County Department of Public
Works, Doraville, GA

September 1996-
December 1998: Part Time Instructor, Biology Department, Georgia State
University, Atlanta, GA

December 1995-
June 1996: Environmental Specialist I, Environmental Protection
Division, Atlanta, GA

September 1995-
November 1995: Postdoctoral Research, Biology Department, Georgia State University,
Atlanta, GA. Mentors: Sidney A. Crow Jr. and Donald G. Ahearn

TEACHING EXPERIENCE:

Course	Term	Role	Location
Directed Study (MIBO 3900)	Spring 2001, Summer 2004	Course Instructor	University of Georgia, Athens and Gwinnett University Center
Directed Research (MIBO 4900L)	Spring 2000-Spring 2001	Course Instructor	University of Georgia, Athens
Introductory Microbiology (MIBO 3500)	Fall 1999-2001, Summer 2003	Course Instructor	University of Georgia, Athens
Introductory Microbiology (MIBO 3500)	Fall 2002, Spring 2004-Summer 2004, Spring 2005-Summer 2005, Spring 2006-Summer 2006	Course Instructor	University of Georgia, Gwinnett University Center
Introductory Microbiology Laboratory (MIBO 3510L)	Summer 1999-Spring 2002, Summer 2003	Course Instructor	University of Georgia, Athens
Introductory Microbiology Laboratory (MIBO 3510L)	Spring 2004, Spring 2005, Spring 2006	Course Instructor	University of Georgia, Gwinnett University Center
Introductory Applied Microbiology (MIBO 3000)	Spring 2000, Spring 2001, Spring 2002	Course Instructor	University of Georgia, Athens
Microbiology and Health Care Laboratory (MIBO 2500L)	Spring 2000-Summer 2000, Spring 2001, MIBO 2002	Course Instructor	University of Georgia, Athens
Medical Mycology Laboratory (MIBO 4710L)	Spring 2001	Co-Course Instructor	University of Georgia, Athens
Medical Mycology Laboratory (MIBO 4710L)	Fall 2003	Course Instructor	University of Georgia, Athens
Graduate Internship (GRSC 7770)	Fall 2000, Fall 2001	Course Instructor	University of Georgia, Athens
Introductory Biochemistry and Molecular Biology (BCMB/BIOL 3100)	Spring-Summer 2004, Summer 2005	Course Instructor	University of Georgia, Gwinnett University Center
Basic Skills in the Laboratory (BIOL 3110L)	Fall 2003, Fall 2004, Fall 2005	Co-Course Instructor/Course Instructor	University of Georgia, Gwinnett University Center
Cellular Biology (CBIO 3400)	Summer 2004	Course Instructor	University of Georgia, Gwinnett University Center

Fungi: Friend and Foe (PBIO 3010)	Fall 2005	Course Instructor	University of Georgia, Gwinnett University Center
Cell Biology (BIOL 3400/3400L)	Fall 2006	Course Instructor	Georgia Gwinnett College
Microbiology (BIOL 3300/3300L)	Spring 2007, Fall 2009	Course Instructor	Georgia Gwinnett College
Freshman Year Seminar (GGC 1000)	Fall 2007, Fall 2009	Course Instructor (mutli-section course)	Georgia Gwinnett College
Biological Sciences I (BIOL 1101/1101L)	Spring 2008, Fall 2008, Fall 2009	Course Instructor (multi-section course)	Georgia Gwinnett College
Mycology (BIOL 3350/3350L)	Fall 2008, Spring 2010	Course Instructor	Georgia Gwinnett College
Principles of Biology I (BIOL 1107/1107L)	Spring 2009, Summer 2009, Spring 2010	Course Instructor	Georgia Gwinnett College

ABSTRACTS, PUBLICATIONS

AND PRESENTATIONS: How I spent my summer semester: Challenges of a first year instructor. 2000. Alexandra M. Kurtz. Annual Meeting of the Southeastern and South Carolina Branches of the American Society for Microbiology. Statesboro, GA. October 26-28.

Transformation of chlororesorcinol by hydrocarbonoclastic yeasts *Candida maltosa*, *C. tropicalis* and *Trichosporon oivide*. 1997. Alexandra Massey Kurtz and Sidney A. Crow. Current Microbiology 35:165-168.

Transformation of chlororesorcinol by *Candida maltosa*, *Candida tropicalis* and *Trichosporon oivide*. 1996. Alexandra Massey Kurtz and Sidney A. Crow. 96th General Meeting of the American Society for Microbiology. New Orleans, LA. May 19-23.

Biological effects and transformation of chlororesorcinol in three yeasts. 1995. Alexandra Massey Kurtz and Sidney A. Crow. SEB-ASM University of Alabama-Birmingham, Birmingham, AL. November 9-11.

Interaction of non-growth substrate monoaromatic compounds with *Candida maltosa*, *Candida tropicalis* and *Trichosporon beigeli*. 1995. A.M. Kurtz and S.A. Crow. 95th General Meeting of the American Society for Microbiology. Washington, D.C. May 21-25.

Interactions between substituted aromatic hydrocarbons in the yeasts *Candida maltosa* and *Candida tropicalis*. 1992. A.L. Massey, S.A. Crow and D.G. Ahearn. SEB-ASM Auburn University, Auburn, AL. November 19-21.

Effects of monoaromatic hydrocarbons on the yeasts *Candida maltosa* and *Candida tropicalis*. 1992. Lee Massey, S.A. Crow and D.G Ahearn. Eighth International Symposium of Yeasts. Atlanta, GA. August 23-28.

Fate and effects of monoaromatic and chlorinated monoaromatic hydrocarbons in the yeasts *Candida maltosa* and *Candida tropicalis*. 1992. Lee Massey, S.A. Crow and D.G. Ahearn. University Symposium on Research. Athens, GA. May 8-9.

MEMBERSHIPS:

American Society for Microbiology
National Science Teachers Association

GRANTS:

2001 Learning Technologies Grant
Converting Introductory Microbiology to a Web Based Course
\$7,969.50

**CURRENT
COMMITTEE
MEMBERSHIP:**

Chair Cell Biology/Biotechnology Goal Team
Member of Convocation Planning
Member of Biology New Faculty Selection
Member of Partners in Active Learning

**PREVIOUS
COMMITTEE
MEMBERSHIP:**

Chair of IEE 3/GE 5: Using information technology efficiently
Member of Laboratory Resource and Safety Committee (Science and Technology)
Member of Biology Outcome Goals and Internships
Member of Biology New Faculty Selection

**ADVISING
EXPERIENCE:**

August 2006-Present I am currently the mentor to 16 biology majors and the mentor to 22 students of varying majors. I also participate in the GGC SMART sessions which prepare student for their first registration at GGC.

June 1999- August 2003 I was an undergraduate advisor for 30+ undergraduate microbiology majors each semester. They are guided in their course selection and given a review of their completed courses to assure they are on-track for graduation.

Previously the Faculty Advisor for the University of Georgia, Gwinnett Chapter of the American Medical Student Association