

August 1, 2016

JOHN MARK CLAUSON
P O BOX 494
Bowling Green, KY 42102
OFFICE (270) 745-3696
FAX (270) 745-6856
EMail mark.clauson@wku.edu

EDUCATION

M.S., 1993 Western Kentucky University
Bowling Green, KY 42101
Major, Thesis: Microbiology

B.S., 1986 Western Kentucky University
Bowling Green, KY 42101
Major: Biology: Microbiology
Minor: Chemistry

A.S., 1984 University of Kentucky
Elizabethtown Community College
Elizabethtown, KY 42701

RELEVANT ACADEMIC EXPERIENCE

Microbiology, Bacteriology, Virology, Pathogenic
Microbiology, Applied Environmental Microbiology, Food
Microbiology, Organic Chemistry, Quantitative Analysis,
Nucleic Acids, Biochemistry, Introduction to Recombinant Genetics

PRESENT POSITION

Microbiology Laboratory Coordinator, Jan. 1987 to Present
Department of Biology, Western Kentucky University

Under administrative supervision of the Head of Biology Department: I provide the faculty of the Department of Biology with materials needed to conduct academic laboratories and research. I prepare semester schedules for multiple sections of introductory Biology laboratories and assist in coordinating the graduate instructors assigned to each section. I monitor the chemical inventory and supplies and maintain their availability at all times which involves ordering and obtaining price quotes from vendors and local distributors. I maintain the Department of Biology culture collection overseeing its transport, use, and disposal. I am responsible for the collection of all hazardous chemical waste in the academic branch of the department. I am responsible for submitting an annual inventory control report for all items purchased in the department of Biology. I hire, supervise and direct a staff of student laboratory technicians and work with them in providing the faculty of the department with a broad range of technical services. I have been instrumental in the development of Introductory Biology, Microbiology, Bacteriology, Pathogenic Microbiology and Applied and Environmental Microbiology laboratories while implementing their preparation and execution. I have been assigned the responsibility of Lab Safety Officer and required to present the annual Laboratory Safety Seminar, internal laboratory safety inspections, laboratory first aid kits, Gas Cylinders and departmental vehicle emergency response kits.

PROFESSIONAL EXPERIENCE

- *ACADEMIC University Instructor, Department of Biology,
Microbiology Laboratory, June 1990 to Present
Department of Biology, Western Kentucky University
Bowling Green, KY 42101-3576.
Responsible for preparation of laboratory materials.
Instructing students on proper aseptic technique,
use of microscopes and Clinical procedures.
Designed and revised student laboratory manual for 208 General Microbiology.
- *INDUSTRIAL Microbiological Consulting and Testing
May 1990 to 2010, Juice Pac, Inc.*
Bowling Green, KY 42104
- Responsible for conducting aerobic plate counts on juice,
drinks and juice concentrate samples to determine total
plate count and total yeast and mold count. Position
requires media preparation, disposal of microbial waste,
utilizing the autoclave and submitting quality control
reports to the plant supervisor.
- *Additional industries I have consulted or carried out
testing for: Country Oven Bakery, Royal Crown Bottling
Co., Huish Detergents, and Analytical and Environmental
Services Inc.

PROFESSIONAL SERVICE

- Member, Department of Biology Human Anatomy and Physiology Search
Committee WKU, 2012-2013.
- Member, Department of Biology Food Microbiologist Search
Committee WKU, 2011-2012.
- Member, University College, Associate Dean and Director of WKU Glasgow Search
Committee, Spring 2011
- Member, Department of Biology Microbiologist Search
Committee WKU, 2001-2002.
- Member, Department of Biology Bio-Safety Committee
WKU, 2001 to present.
- Chairman, Department of Biology Inventory Control Committee
WKU, 1999 to present.
- Member, Western Kentucky University, Institutional
Biosafety Committee WKU 2003 to present.

Professional Service continued

Member, Department of Biology Space and Facilities
Committee WKU, 1993-2001

Hazardous Waste Disposal, Department of Biology,
WKU. 1989 to present

PUBLICATIONS

Adams, A., Kumar, S., Clauson, J. and Sahi, S. (2011)
Anti-yeast activities of Origanum oil against human pathogenic yeasts.
Advances in Bioscience and Biotechnology, **2**, 103-107.

Clauson, John M. and Larry P. Elliott. 1996. Comparison of
Cryptococcus neoformans isolates from clinical and
environmental collections in south central kentucky and
surrounding areas. *Trans. KY. Acad. Sci.*, **57** (2), 1996,106-
111

Clauson, John M. and Larry P. Elliott. 1987. Hydrocarbon
degradation in a waste-water pond by enriched indigenous
microorganisms. *Trans. KY. Acad. Sci.*, **48** (3-4), 1987,
76-83.

PRESENTATIONS

Western Kentucky University Department of Biology Seminar Series.
Safety Seminar: Department of Biology Safety Guidelines and Procedures
August 28, 2015 2:00 P.M. Snell Hall 2113.

Western Kentucky University Department of Biology Seminar Series.
Safety Seminar: Department of Biology Safety Guidelines and Procedures
August 30, 2013 2:00 P.M. Snell Hall 2113.

Western Kentucky University Department of Biology Seminar Series.
Safety Seminar: Department of Biology Safety Guidelines and Procedures
August 29, 2014 2:00 P.M. Snell Hall 2113.

Western Kentucky University Department of Biology Seminar Series.
Safety Seminar: Department of Biology Safety Guidelines and Procedures
August 30, 2013 2:00 P.M. Snell Hall 2113.

Western Kentucky University Department of Biology Seminar Series.
Safety Seminar: Department of Biology Safety Guidelines and Procedures
August 31, 2012 2:00 P.M. Snell Hall 2113.

Western Kentucky University Department of Biology Seminar Series.
Safety Seminar: Department of Biology Safety Guidelines and Procedures
September 2, 2011 2:00 P.M. Snell Hall 2113.

Presentations continued

Plant Succession on Strip Mine Spoil Over a Forty-Five Year Period.

J. E. Winstead¹, M. E. Held², L. P. Elliott³ and M. Clauson³

¹Southern Arkansas University, Magnolia, AR, USA,

²Saint Peter's College, Jersey City, NJ, USA and

³Western Kentucky University, Bowling Green, KY, USA

XVII INTERNATIONAL BOTANICAL CONGRESS

Vienna, Austria July 17-23, 2005

Nathan R. Whitely, Alan T. Riga, Mark Clauson, Kevin M Williams, and Wei-Ping Pan "Qualitative Detection of Biological Species Using Electrochemical Methods," Proceeding of the 32nd NATAS conference October 4-6, 2004, Williamsburg, VA, P65.

Use of Standard Surface Motility Plates for Demonstration of Motility in Introductory Microbiology Teaching Laboratories. Kentucky Tennessee Branch of the American Society for Microbiology. October 8-9, 2004 Bowling Green, KY.

Novel Detection of Biological Species using Dielectric Analysis.

Whitely, Nathan, Mark Clauson, Devin Williams and Wei-Ping Pan
Department of Chemistry and Materials Characterization Center

³Western Kentucky University, Bowling Green, KY

34th annual Sigma Xi Research Conference, April 2-3, 2004

Bowling Green, KY.

Plant Succession on Strip Mine Spoil Over a Forty-Five Year Period.

J. E. Winstead¹, M. E. Held², L. P. Elliott³ and M. Clauson³

¹Southern Arkansas University, Magnolia, AR, USA,

²Saint Peter's College, Jersey City, NJ, USA and

³Western Kentucky University, Bowling Green, KY, USA

89th annual meeting of the Kentucky Academy of

Science. November 7-8, 2003 Bowling Green, KY

Cryptococcus neoformans Serotype Groups Found in Clinical and Environmental Isolates. 80th annual meeting of the Kentucky Academy of Science. November 4, 1994 Paducah, KY

Cryptococcus neoformans. 23rd annual Sigma Xi Research Conference, April 1-2, 1993 Bowling Green, KY

The Ultrastructure and morphology of *Acinetobacter calcoaceticus*. The Electron Microscopy Soc. of the Ohio River Valley. April 11, 1987 Cincinnati, OH.

Hydrocarbon degradation in a pond by enriching for indigenous microorganisms. The 16th annual Sigma Xi Research Conference April 11-12, 1986. Bowling Green, KY.

Presentations continued

Decomposition of oil waste by enriching for hydrocarbon-utilizing microorganisms. The 1986 SSMA National Meeting in conjunction with KAPS, KAS and KCTM Lexington, KY November 20-22, 1986.

COMMUNITY SERVICE

Research project and television appearance for WBKO 13.
Germs in Cosmetics, Fall 2011.

Scottsville KY Habitat for Humanity House 2008-2009.

Green River Museum, Woodbury Kentucky Open House 2008
Green River Museum, Woodbury Kentucky Open House 2009
Green River Museum, Woodbury Kentucky Open House 2010

Research project and television appearance for WBKO 13.
Germs in the Playground, Summer 2005.

PROFESSIONAL ORGANIZATIONS

Member, American Society for Microbiology, ASM 1999 - Present

Member, International Society For Infectious Diseases, ISID 2000 -Present

PROFESSIONAL REFERENCES

Dr. Bruce Schulte, Head
Department of Biology
Western Kentucky University
Bowling Green, KY 42101-3576
(270) 745-3697

Dr. Blaine Ferrell, Dean
Ogden College Science, Technology and Health
Western Kentucky University
Bowling Green, KY 42101-3576
(270) 745-4448 (Office)

INDUSTRIAL SERVICES REFERENCE

Jeffrey M. Bonds, Vice President
Juice Pac Inc.
P.O. Box 1172
Bowling Green, KY 42102-1172
(270) 782-6863 (Office)
1-800-248-1882

PERSONAL REFERENCE

Larry P. Elliott Ph.D.
Professor Emeritus
Western Kentucky University
706 Wedgewood Way
Bowling Green, KY 42103
270-843-3783

Michael Stokes, Ph.D.
Department of Biology
Western Kentucky University
Bowling Green, KY 42101
(270) 745-6009 (Office)
(270) 999-3084 (Cell)