

JOHN MARK CLAUSON
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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 Biology Lab Safety Officer and required to present the annual Laboratory Safety Seminar, internal laboratory safety inspections which include 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, Analytical and Environmental
Services Inc., Champion Petfoods DogStar Kitchens, Bell Cheese USA.

PROFESSIONAL SERVICE

Member, Department of Biology Microbiologist Search
Committee WKU, 2017-2018.

Reviewed, Edited and Illustrated . Larry P. Elliott. Microorganisms in the Bible.
128p. April 1 2014, Acclaim Press. ISBN-10 1938905253.

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.

Professional Service continued

Member, Western Kentucky University, Institutional Biosafety Committee WKU 2003 to present.

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

Hazardous Waste Disposal, Department of Biology, WKU. 1989 to 2000

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. "Microbiology Laboratory for the Health Science Student; A Clinical Approach" 8th Ed.
Laboratory Manual for Introductory Microbiology
BIOL 208 Western Kentucky University. FALL 2004 - Present
Laboratory Manual for Introductory Microbiology
BIO 220 Northwest-Shoals Community College. SPRING 2012 - Present

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

September 4, 2020 ZOOM MEETING 2:00 P.M.
August 30, 2019 2:00 P.M. Snell Hall 2113.
August 24, 2018 2:00 P.M. Snell Hall 2113.
August 25, 2017 2:00 P.M. Snell Hall 2113.
August 26, 2016 2:00 P.M. Snell Hall 2113.
August 28, 2015 2:00 P.M. Snell Hall 2113.
August 29, 2014 2:00 P.M. Snell Hall 2113.
August 30, 2013 2:00 P.M. Snell Hall 2113.
August 31, 2012 2:00 P.M. Snell Hall 2113.
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.

Presentations continued

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

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

M.E.A.L.S. Inc., First Christian Church 2017

M.E.A.L.S. Inc., First Christian Church 2016

M.E.A.L.S. Inc., St. Joseph Catholic Church 2015

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, North American Mycological Association, NAMA 2020

Member, American Society for Microbiology, ASM 1999 - Present

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

PROFESSIONAL Development

Tradd Cotter, Mushroom Cultivation Workshop
200 Finley Rd. Easley, SC
March 16, 2019

FBI Academic Biosecurity Workshop
Martin Professional Development Center
2400 Fairfax Av. Nashville, TN
September 19, 2018

PROFESSIONAL REFERENCES

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

Dr. Blaine Ferrell, Dean (Retired) Professor Emeritus
Ogden College Science, Technology and Health
Western Kentucky University
Bowling Green, KY 42101-3576
270-991-7000

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

Michael Stokes, Ph.D.
Department of Biology
Western Kentucky University
Bowling Green, KY 42101
(270) 745-3696 (Office)
(270) 999-3084 (Cell)

Rodney King, Ph.D.
Department of Biology
Western Kentucky University
Bowling Green, KY 42101
(270) 745-3696 (Office)
(270) 779-2685 (Cell)

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