

August 1, 2015

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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.

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  
HazCom 2012 For The Department of Biology  
January 23, 2015 8:00 A.M. TCCW 368.

Western Kentucky University Department of Biology Seminar Series.  
Safety Seminare: 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 Seminare: 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 Seminare: 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 Seminare: 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. Winstead<sup>1</sup>, M. E. Held<sup>2</sup>, L. P. Elliott<sup>3</sup> and M. Clauson<sup>3</sup>

<sup>1</sup>Southern Arkansas University, Magnolia, AR, USA,

<sup>2</sup>Saint Peter's College, Jersey City, NJ, USA and

<sup>3</sup>Western 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 32<sup>nd</sup> 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  
<sup>3</sup>Western Kentucky University, Bowling Green, KY  
34<sup>th</sup> 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. Winstead<sup>1</sup>, M. E. Held<sup>2</sup>, L. P. Elliott<sup>3</sup> and M. Clauson<sup>3</sup>

<sup>1</sup>Southern Arkansas University, Magnolia, AR, USA,

<sup>2</sup>Saint Peter's College, Jersey City, NJ, USA and

<sup>3</sup>Western Kentucky University, Bowling Green, KY, USA

89<sup>th</sup> 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)