VITA ECKWARD N. McKNIGHT, JR, M.E. P.E.

Address: 2612 Highway 446 Telephone Number: 662-846-6987H

Boyle, MS 38730 662-721-3672M 662-846-4421W

Occupation and Duties

2013-Present Bolivar County Drainage District

- Started clean out work on major drainage canals in my part of the Bolivar Country Drainage District. Completed work on Pecan and Bear Pen with half of East Bogue Hasty completed. This will be close to a million dollar project upon completion.

2004-Present <u>Delta State University</u>

Date

Clint Wood, Department Chairman ACC/CIS/FIN Instructor in Computer Information Systems

Teaching: CIS205 – Introduction to Microcomputer Applications

CIS300 – Introduction to Computer Information Systems

CIS345 - Microcomputer Hardware Support

CIS361 – Data Communications

CIS375 – Principles of Information Security and Data Assurance

CIS331– Systems Analysis and Design

- 2015 Working on special projects for the Dean involving fund raising for the College of Business, involving the creation of a trading room for the Finance and Economic Departments at Delta State University. Taught CIS205, CIS345, CIS361, CIS331, and CIS375 during the 2014-2015 academic year.
- 2015 Was able to place students in internship at OIT at Delta State, Stoneville USDA, Double Ouick Corporate in Indianola
- 2015 Successfully created a program to train teachers from the West Tallahatchie School District so they could participate with their students in the "Hour of Code" contest.
- April 2015 Presented two research project at the 2014 SOBIE Conference in Destin, FL
- 2014 Working on special projects for the Dean involving fund raising for the College of Business, involving the creation of a trading room for the Finance and Economic Departments at Delta State University. Taught CIS205, CIS345, CIS361, CIS331, and CIS375 during the 2013-2014 academic year.
- 2014 Presented data for a research project at the 2014 SOBIE Conference in Destin, FL
- 2012 & 2013 Working on special projects for the Dean involving fund raising for the College of Business, creation and funding of new Academic Professor Chairs, and programs promoting the College of Business throughout the Mississippi Delta.
- 2013 Presented data for a research project at the 2012 and 2013 SOBIE Conference in Destin, FL
- 2011 & 12 Received SAP training for creation Certificate program for Students having completed 10 hours of SAP training in course work.

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- <u>2008</u> Combined CIS325 and CIS370 to form a single class to be taught as CIS345. The first combined class was taught in the Spring 2009.
- <u>2007</u> Attended *InfoSec Teaching Conference* at Kennesaw State on curriculum and teaching of Information Security and Data Assurance. This information is being used to create the nucleus of an Information Security core for Computer Information System at Delta State. The first class, CIS375 Principles of Information Security, was taught the fall 2007.
- <u>2007</u> Developed Casino Management Information System class GMT325 and will teach it during 2007 Summer school.

Took advanced CIS 690 Special Topics at Delta State University.

2002-2005 <u>Sidney Cook Drilling Incorporated</u> – Boyle, Mississippi

President and general partner in agriculture irrigation well drilling business. Performed compliance duties between the drilling operation and the Mississippi Environmental Protection Agency.

1990-2003 Delta State University

Adjunct Professor – Computer Information Systems

Teaching CIS460 – Business and Data Communications
Teaching CIS205 – Introduction to Microcomputer Applications

1997 – Present

Appointed Commissioner to the Bolivar County Drainage Commission

Was appointed as the District 5 commissioner to the Bolivar County Drainage Commission responsible for 59 miles of drainage canals within Bolivar County Mississippi.

1990-1993

General American Aircraft Company – Greenville, Mississippi

Bob Crowley, CEO and President Vice-President of Engineering

Created the standardization between the AA5-B and the new AG5-B aircraft design. Converted design from paper and ink to digital format. Responsible for the certification and manufacturing to engineering specifications of the AG5-B aircraft. Managed six engineers and coordinated operation of the Quality Control Department. Was acting Designated Engineering Representative (DER) for the Federal Aviation Administration.

1982-1990

Delta State University – Cleveland Mississippi

Dr. Ben Mitchell, Department Chairman CIS/OAD Instructor in Computer Information System Department

Taught classes in computer programming – BASIC, ADVANCED BASIC, PASCAL, AND ADVANCE PASCAL (CIS210, CIS310, CIS242, AND CIS342) and INTRODUCTION TO DATA PROCESSING (CIS200).

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Took advance study at Central State University in Pascal, Advanced Pascal, and Advanced Programming Applications.

Started Doctoral Program at Delta State University.

1974-2000 Partner in McKnight Farms, Bolivar County Mississippi

Principal partner in a Rice-Soybean-Wheat farm located in Bolivar County Mississippi. Sold my half to my partner January 2001. Took farm from 6 row to 12 row operation with land forming of total farm for irrigation efficiency and yield maximization. When I left farming I had just started introducing Global Positioning Systems and Geographical Information Systems to the farming operation.

1973-1974 Day and Night Payne Company - Collierville, TN

Paul Vanlandingham – Production Engineering Manager Production Evaluation Engineer.

Responsible for maintaining engineering specifications for manufacturing. Included designing and applying test equipment for specific applications (leak check equipment, air flow and cooling measurement equipment, etc.) Also, designed computerized warehouse storage and retrieval system for completed units.

1974 Sat for and passed Professional Engineering Examination for State of Mississippi. (Reg. Number 06497)

1974 Received Master of Engineering Degree from University of Louisville.

Memphis State University - Memphis, TN

Completed course work of Masters Degree for transfer to the University of Louisville.

1971-1973 <u>General Electric Corporation</u> – Major Appliance Group, Louisville, Kentucky

1971-1972 Room Air Conditioner Production Evaluation & Testing – George Stocking, Manager.

Performed evaluation on production room air conditioner units.

Performed study and evaluation on Manhattan and Brooklyn, New York repair stations to create repair technician service kits, and to determine cause of failed service calls. Report on finds was given to Appliance Group Vice-President and General Manager of Room Air Conditioner.

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1972-1973 Product Design Evaluation – Don Frank, Manager

Evaluated new products for performance and suitability.

1971-1973 Started in Masters Program at Speed School of Engineering at

the University of Louisville. Program course work was completed at Memphis State University, and Masters Thesis

completed at University of Louisville.

1969-1971 <u>General Electric Corporation</u> – Aircraft Engine Group – Evendale/Peebles, OH

TF-39 Testing and Evaluation Engineer – Larry Scott, Manager

Worked as a test engineer on the TF-39 Turbo Fan Engine used on the C-5A Galaxy.

- Designed and tested AWES (All Weather Evaluation System) on TF-39 for operation in heavy weather situations.
- Did noise abatement study and evaluation on TF-39 at Edwards AFB.

1968-1969 MacDonnell-Douglas Corporation – St. Louis, MO

Sept 1968-Dec1968 F-4 Center and Aft Fuselage Group – Jim Williams, Manager

Designed Field repair kits for Navy F-4C thru J Phantom aircraft.

• Designed and evaluated Smoke Probe System for the Blue Angels Navy Demonstration team.

Jan 1969-Aug 1969 Wind Tunnel and Testing Group – Don Vetrone, Manager

Designed test equipment and test models for F-15 Eagle design program.

Worked on Full Scale Mock-up of F-15 to provide proof of concept to United States Air Force procurement command.

1964-1968 Mississippi State University - State College, MS

Major Aeronautical Engineering
Graduated August 1968 – Bachelors of Science in Aerospace
Engineering 2.23/3.0 GPA

Summer 1964 Delta State College Cleveland, MS

- College Algebra
- Trigonometry

Graduated Cleveland High School -

Cleveland, MS

- President JETS Club
- 1st Chair Bass in Band
- Member National Honor Society
- Math Award