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**KENNETH KNOTT, Ph.D., P.E.**

## **RESUME**

### **HOME ADDRESS**

137 Ridge Road  
P.O. Box 234  
Pine Grove Mills, PA 16868  
Telephone: (814) 234-2713

### **BUSINESS ADDRESS**

137 Ridge Road  
P.O. Box 234  
Pine Grove Mills, PA 16868  
Telephone: (814) 234-2713

### **NATIONALITY**

U. S. Citizen

### **EDUCATION**

Ph.D., University of Technology, Loughborough, England, 1983

M.S., Department of Industrial Engineering, The Pennsylvania State University, 1966

Diploma in Graduate Studies, The University of Birmingham, Edgbaston, Birmingham, England

### **PROFESSIONAL REGISTRATION**

Licensed Professional Industrial Engineer, Pennsylvania, U.S.A.

### **MEMBERSHIP IN PROFESSIONAL SOCIETIES**

Institute of Industrial Engineers

Society of Manufacturing Engineers

World Academy of Productivity Science

Institute of Management Services

## **NATIONAL AND INTERNATIONAL VISIBILITY**

Phil Carroll Award - 1987: This Award is given for outstanding achievements and contribution of Work Measurement and Methods Engineering. It is the top award internationally for those field of study.

Fellow, Institute of Industrial Engineers - 1989

AT&T Foundation, Outstanding Teaching Award by the American Society for Engineering Educ

Technical Innovations in Industrial Engineering Award. Presented by the Institute of Industrial Engineers - 1993

Fellow, World Academy of Productivity Science - 1995

Fellow, Institute of Management Services - 1995

Editor, Methods Time Measurement Journal - 1984 to 1989: A specialized technical journal, v circulated throughout the world.

Associate Editor Institute of Industrial Engineers Transactions - Work Measurement and Methods Engineering Division.

Associate Editor (North America) International Journal of Production Research - 1987 to 1988 for all of North American editorial activities.

Publications Board: International Journal of Production Research. - 1987 - 1997

National Arbitration Panel, American Association of Arbitrators - 1994 to 1996

## **NATIONAL OFFICE IN PROFESSIONAL SOCIETIES**

National Committee of the Methods Time Measurement Association (U.K.) from 1967 to 1977

Held national office in the Work Measurement and Methods Engineering Division of the Institute of Industrial Engineers, continuously, from 1980 to 1994.

Division Director Work Measurement and Methods Engineering Division, Institute of Industrial Engineers from 1991 to 1992

## **PROFESSIONAL ACTIVITIES**

**Past**

Member Institute of Industrial Engineers Panel on Research in Work Measurement

Editor - Methods-Time Measurement Journal

Program Chairman, Work Measurement and Methods Engineering Division, Institute of Industrial Engineers 1983 - 1987

Continuing Education Chairman, Central Pennsylvania Chapter, Society of Manufacturing Engineers

Research Chairman, Work Measurement and Methods Engineering Division, Institute of Industrial Engineers 1984 -1989

Reorganization Committee, Work Measurement and Methods Engineering Division, Institute of Industrial Engineers 1988

Chairman, Midland Region, Methods Time Measurement Association United Kingdom (1967-1970)

Member, International Committee for "Investigation into Application Handbook Requirements" Association, Stockholm, Sweden (1970)

Member, Technical Panel, Methods Time Measurement Association, Ltd., United Kingdom (1970-1975)

Training and Qualifications Committee, MTM Association for Standards and Research, USA

Director, Work Measurement and Methods Engineering Division, Institute of Industrial Engineers (1983-1989).

President, Central Pennsylvania Chapter Institute of Industrial Engineers (1982-1983).

Robotics Sub-Committee, Welding Research Council

Examiner "Materials Handling" Institution of Production Engineers, United Kingdom. Professional - Qualification Examination.

Welding Processes Sub-Committee, Welding Research Council (1977-1983)

National Manufacturing Engineering Center Committee on Maintenance in Manufacturing (1980-1985)

Honors Chairperson, Work Measurement and Methods Engineering Division, Institute of Industrial Engineers (1991 - 1994)

## **HONORS AND AWARDS**

Phil Carroll Award for Outstanding Contributions to Work Measurement and Methods Engineering Measurement and Methods Engineering Division, Institute of Industrial Engineers, 1986.

Excellence in Teaching Award, College of Engineering, The Pennsylvania State University, 1981

Outstanding Advisor, College of Engineering, The Pennsylvania State University, 1982.

Outstanding I.E. Faculty Award, The Pennsylvania State University, 1980

Outstanding I.E. Faculty Award, The Pennsylvania State University, 1982

Sigma Xi-Research Honorary Society, Full Member

Alpha Pi Mu-Member

Methods Time Measurement Association (UK) - Senior Instructor

Federation of Productivity Sciences - Honorary Member

Outstanding Research Award, College of Engineering, The Pennsylvania State University 1988

Fellow, Institute of Industrial Engineers, 1989

AT&T Foundation, Outstanding Teaching Award by the American Society for Engineering Educ

Teaching Fellow, Lenhart Center for Innovative Teaching, The Pennsylvania State University,

College of Engineering Outstanding Advisor, The Pennsylvania State University, 1993

Award for Technical Innovation, Institute of Industrial Engineers, 1993

Fellow, Institute of Management Service,(London), 1995

Fellow, World Academy of Productivity Sciences, 1995

Emeritus Professor, Department of Industrial and Manufacturing Engineering, The Pennsylvania University

## **INDUSTRIAL AND TEACHING EXPERIENCE**

### **1995 - Present**

Independent Consultant, specializing in Industrial, Manufacturing, and Forensic Engineering

Emeritus Professor, Department of Industrial and Manufacturing Engineering, The Pennsylvania University, University Park, PA.

### **1977 - 1995**

Professor, Department of Industrial and Management Systems Engineering, The Pennsylvania University.

- Promoted from Assistant Professor, 1984.
- Promoted from Associate Professor, 1988.

### **1966 - 1980**

Managing Director, Kenneth Knott Ltd.

Managing Director, Kenneth Knott (Technical Services) Ltd.

Managing Director, Kenneth Knott Associates.

**1967 - 1968**

Chief Executive Officer, Haywards Ltd., Coleshill, Warwickshire, England (Manufacturers of S Cutting Tools).

**1964 - 1966**

Instructor (Full Time), Process Engineering Laboratories, The Pennsylvania State University.

**1963 - 1964**

Graduate Teaching Assistant (Half-time), Process Engineering Laboratories, The Pennsylvania University.

**1959 - 1963**

Lecturer, Production Engineering Department, Dudley Technical College, Dudley, England.

**1958 - 1959**

Part-time Instructor, Royal College for the Blind, Worcester, England.

**1956 - 1959**

Assistant Lecturer, Production Engineering Department, Dudley Technical College, Dudley, England.

**1955 - 1963**

Adjunct Faculty, Department of Physical Education, University of Birmingham, Edgbaston, Birmingham, England.

**1956**

Works Manager, John Morris (Electrical Engineering) Ltd., Bilston, England (Manufacturers of Control Equipment).

**1955 - 1956**

Production Engineer, Chubb and Sons, Wolverhampton, Staffordshire, United Kingdom (Manufacturers of Security Equipment).

**1953 - 1955**

Technical Assistant to Works Manager, N. Hingley and Sons Ltd., Dudley, Worcestershire, England.

(Forgemasters).

**1952 - 1953**

Design Draftsman, New Conveyor Co., Ltd., Smethwick, Worcestershire, England (Manufacture of Conveying Equipment).

**1950 - 1952**

Telecommunications Mechanic (Radar), Royal Electrical and Mechanical Engineers, Her Majesty's Air Force.

**1944 - 1952**

Apprentice, British Thompson Houston Co., Ltd., Birmingham and Coventry, England (Electric Manufacturing).

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