

## **Academic Resume**

**Mark Werwath, PMP, Ph.D.**  
**email: [m-werwath@northwestern.edu](mailto:m-werwath@northwestern.edu)**



### **Academic experience**

**July, 2012 to present**

**Clinical Associate Professor,**

**Director, Masters of Engineering Management Program**

**Associate Director, Farley center for Entrepreneurship and Innovation**

Dept. of Industrial Engineering and Management Sciences

Robert R. McCormick School of Engineering and Applied Science

Northwestern University

**Sep 2000 to July, 2012**

**Senior Lecturer/Adjunct-Northwestern University –**

- Academic program-Masters in Engineering Management-Project Management
- Masters Product Development Program and MPD Executive Education.
- Undergrad IEMS and Entrepreneurship

**Adjunct Instructor-University of Chicago-Graham School - Portfolio Management** (part of advanced PM certificate program)

**Instructor**-California University of Pennsylvania-Fall 2002.

**Instructor**-University of South Australia-Summer, 2005, 2006

**Instructor**-DePaul University-Project Management module 6 (Spring-98-Spring 2001)  
Management 502-Fall 98-(academic MBA)

**Instructor**-Motorola-LMPS and PCS-Process mapping for iDEN Divisions

**Instructor**-Motorola-LMPS-Subcontract management

**Instructor**-Motorola University-PM101 for iDEN Divisions and for PCS

### **Course and Curriculum Development:**

**Northwestern University – Courses developed and delivered:**

- Graduate course in Global Product Development for MPD program, 2011-12
- Undergraduate course in Engineering Entrepreneurship. Delivered since 2008
- Undergraduate course in Senior Design for IE. Delivered annually since 2005
- Graduate course in Engineering Project Management, 2000, refreshed 2002, 2004, 2008.
- Course in Requirements Management for MPD program, 2003
- Graduate course in International Management, 2003
- Undergrad course in Accounting, 2002
- Undergraduate course in Introductory Finance, 2002

**University of Chicago – Courses developed and delivered:**

- Seminar in Advanced Project Management-Portfolio Management, annually since 2001
- Seminar in Project Recovery, 2001
- Seminar in Organizational Change Management, 2003
- Course in Fundamentals of Industrial Engineering, 2004
- Course in Process Management, 2005

- Curriculum for Advanced Project Management certificate, 2001
- Graduate course in Negotiations, 2001

### **University of South Australia**

Developed and delivered Project Development-Spring 2005, Spring 2006

### **DePaul University**

Developed and delivered graduate course in Operations Management (MBA program)-1998

### **Industry experience**

2005-2012

Executive director, New product strategy office, program management office director  
WMS Gaming

1981-2005 (sans 1986-1989)

Senior Director of project management, new product development  
Motorola (various sectors and divisions)

1986-1989

Sr Program manager,  
Northrop electronic systems division

### **Papers /Symposia**

**PDMA speaker:** Lean startup applied to product management, Nov. 2013

**GMC conference invited speaker:** Entrepreneurial education, recent trends, Sep 2013

**McCormick Graduate Leadership Council:** Guest speaker, *Negotiating Your First Job*, Northwestern University, July 2011

**Regional SWE Conference:** Guest speaker, *Managing and Negotiating New Job Interviews*, Chicago, IL January 2007

**Annual Northwestern University Leadership Forum:** Panel moderator, *Managing Technological Innovations*, October 2006

**PICMET:** Paper submitted, accepted and presented by co-author Gary Western, *Optimizing the Management of System Software Releases: Experiments with different paradigms*, Portland, Oregon, 2005

**IEEE International Engineering Management Conference:** Paper presentation, *Balancing Centrifugal and Centripetal Forces in Innovation Studies: A meta-analysis*, Singapore, October 2004

**National Academy of Management:** Panel organizer, *Applications of knowledge management to industry today*, conducted by Jeff Bailey and Mark Werwath, New Orleans, August 2004

**Southwest Academy of Management:** Panel member, *Linking Scholarship and Practice: The Experience of Executive Doctoral Scholar-Practitioners of ODC*, Orlando, Florida, April 2004

**OD Practitioner Journal:** Published article, **An Interview with Rev Charles Gibbs**, January 2002

**Academy of Management Western:** Panel member, *OD and Mergers and Acquisitions*, March 2002

**Academy of Management Midwestern:** Panel member: *Leading Edge Topics in Organizational Development*, April 2002

**Academy of Management Midwest:** Paper submitted and accepted for presentation, *Applied Project Management in Graduate Engineering Education*, April 2002

**Midwest Academy of Management:** Panel member: *On the Effective Use of Internet Technologies in Management Education*, submitted by: Mark Werwath, Yasser Nafei, Richard Walsh, Debra Orr-Alfeo to the MED division, April 2001

**Academy of International Business, Southwest Chapter:** paper submitted by Mark Werwath and Rich Magner and accepted by OD Division, *OD Meets IT: Incorporating Organizational Development in High Tech Firms*, Presented in Costa Rica, 2001

**Motorola Project Management Symposium:** Paper accepted and presented, *Project Management-The iDEN Story*, Singapore, 1998

**Motorola Asia/Pacific Software Engineering Symposium:** Paper accepted and presented, *Anatomy of a High Performance Culture-the Use of Project Management for Strategic purpose*, Adelaide Australia, 1996. Winner: Best business impact

#### **Northwestern University Committee Work**

- Undergraduate Curriculum Committee September, 2003-2009
- MEM Admissions Committee since September, 2004 to present
- Chair-MEM Curriculum Advisory Committee-Spring, 2005

#### **Service**

Mentored the undergraduate **Northwestern University SWE** Region H conference team, held January 2007

Reviewer, **Midwest Academy of Management**, ODC division-2003, 2004

**Vice President-Educational Committee, IEEE Engineering Management Society Board of Governors**-August 2005 to 2007 (member of Executive Committee)

Member **IEEE EMS Board of Governors**, January 2004 to 2007

Seminars delivered for the **Office of Industrial Relations:**

- Mornings at McCormick-December 2010: "Outsourced Software Development Trends and Learnings"
- Mornings at McCormick-January 2004: "Trends in R and D Globalization"
- Abbott Labs presentation-October 2004: "Decision Making in Project Management"

**PhD Dissertation Committee Member**, Tom Navickas, "A study of the chief learning officer's (CLO) role and best practices for the optimal leveraging of human capital in creating fundamental organizational change during times of constant and continuous change." Benedictine University, 2005

Regularly volunteer to **judge and coach** the annual inNUvation and Entrepreneur Idol business case competitions

## **Book reviews**

- Technology Entrepreneurship: Creating, Capturing, and Protecting Value, Elsevier, Fall 2012
- Proposed textbook in engineering management for **Prentice Hall**, New Jersey, April 2003
- Proposed project management textbook for **Butterworth and Heineman**, London, England, October, 2000
- Proposed revision to a textbook in engineering project management, Author: Howard Eisner. Publisher: **Wiley and Sons**, September, 2006

## **Educational Background-University**

### **PhD Organizational Development**

Benedictine University

Dissertation topic: Antecedents to organizational innovation. Graduated May 2003

### **Master of Engineering Management**

Northwestern University

Technological Institute. Graduated 1986

### **Bachelor of Science-Engineering** Major: Manufacturing (Mechanical) Engineering

University of Illinois-Chicago

Undergraduate project: Discrete event simulations in manufacturing. Graduated June 1981

**Project Management Professional (PMP)** since 1999 (#14385)