David N. Yearwood, Ph.D. CSIT

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EDUCATIONAL BACKGROUND

- Ph.D. in Teaching and Learning with a major in Higher Education and a minor in Industrial Technology (May, 1999).
- Master of Science degree - Industrial Technology, with an emphasis in Computers and Electronics UND (August, 1994).
- Bachelor of Science degree - Industrial Technology at Bemidji State University, with an emphasis in Vocational Education (May, 1992).
- Associate of Applied Science degree in Electronic Systems Technology, Community College of the Air Force, Maxwell AFB, Georgia (March 1989).

PROFESSIONAL EXPERIENCES

- Associate Processor & Chair, Technology Department (2007—present)
- Associate Professor, Teaching & Learning at UND (2003–2006)
- Assistant Professor at UND in the Electronic & Computers Hardware (1998–2003).
- Assistant Professor Lake Region State College (LRSC) formerly UND-Lake Region (May 1989–August 1998).
- Department Chair—Trade and Technical Department, UND—Lake Region, 1994–1998.
- National Association of Industrial Technology visiting accreditation team member (2002)
- Summer Research Project on Neural Network, sponsored by North Dakota Experimental Program to Stimulate Competitive Research (EPSCoR, Summer, 1993).
- Training monitor: Developed training program for electronic technicians assigned to Cockpit Procedures Trainer (USAF, May 1985–1987)
- Instructor Trainer in CPR—American Heart Association (1983–1989)

CLASSES TAUGHT AT THE UNIVERSITY OF NORTH DAKOTA

Graduate Courses:

Classes Taught	Year	# Students	# Times Taught
T&L 590 – Seminar in Higher Education	2003-2004	2	1
T&L 587 – Technology in College Teaching	2003-2006	23	4
T&L 549 – Doc Seminar II	2004-2006	20	3
T&L 545 – Adult Learners	2004-2006	30	3
T&L 586—Assessment in H. Education	2004-2006	29	4
T & L 539 – College Teaching	2003	6	1
T&L 590: Curriculum in H. Education	2003 & 2006	30	4

Undergraduate Courses:

Classes Taught	Year	# Students	# Times Taught
IT 300 – Technology, Society & the Individual	2007-present	88	2
IT 211 – Electric Circuits and Devices.	2007-present	33	1
IT 201 – Electromechanical Fundamentals	2007-present	21	1
IT 441 – Communications.	1999	7	1
IT 341 – Digital Integrated Circuits	1999-2003	15	5
IT 311/493 – PC (The Personal Computer) Hardware	1999-2002	27	4
IT 301 – Micro-Electric Circuits	1999-2002	11	3
IT 300 – Technology, Society & the Individual	1998-2003	237	10
IT 211 – Electric Circuits and Devices.	1999-2003	67	8
IT 201 – Electromechanical Systems	1998-2002	79	10

Continuing Education Courses Taught:

- University within the University (U2) – PC Hardware workshops (1999—2001)
- CPR—American Heart Association, Instructor Trainer courses (1983-1989)

ADVISING & GRADUATE COMMITTEE SERVICE

Full Member of the Graduate Faculty – Spring 2003

Doctoral **Advisor:** 3 (current) ***One Preliminary defense schedule for February 26th*** 2008
Doctoral **Committee Member** 3 (current)
Masters Advisor: 1 (current)
Temporary Doctoral Advisor: 6 assigned (2005-2006)
Doctoral **Temporary Advisor**: 7 (2003- Spring 2005)
Doctoral **Committee Member** 7 (2003-2005)
Masters **Thesis Co-Chair:** 1 (2003-2005)
Masters Independent Study **Advisor:** 1 (2003-2006)
Masters **Committee Member** Masters Thesis: 6 (2004-2006)

Completed:

Doctoral **Advisor:**

1. *Cognitive styles in student use, perception, and satisfaction with online learning.* **Glenn Cockerline** (2006)

Doctoral **Committee Member:**

1. *Tribal College Culture-based Education Impacts, American Indian Students in North Dakota.* **LoAnne Nelson** (2007)
2. *Integrations of Technology in Higher Education Pedagogy.* **David Georgina** (2007)
3. *Language and Literacy Acquisition and Maintenance of Sudanese Refugee Learners.* LaVerne Kingsbury (2007)
4. *Learning Style Preferences and Content Exam Performance.* **William Siders** (2006)
5. *First-year University Experience and Academic Preparedness.* **Hilary Kaisershot** (2006)
6. *Technology Literacy in the 21st Century: Teacher and Student Outcomes of a Technology Innovation Program Model.* **Mary Beth Kelley-Lowe** (2004)
7. *Mathematical Problem Solving Skills in Undergraduate Pre-Service Teacher Education Students.* **Mary Baker** (2004)

Masters **Advisor:** 1 (2000). *"Alternative Solutions for the use of Outdated Computer Hardware,"* **Ben Eriksson**
Masters **Committee member:**

1. *An Analysis of the Effectiveness of the PEM Fuel Cell Curriculum as Taught to Middle School Teachers in North Dakota.* **Amy Boll** (2006).
2. *Entry Level Graphic Design Students: influences of Sketching on the Development of Creativity.* **Elizabeth Becker** (2006)
3. *Graphics Design: Understanding how Students Learn About and Create Graphic Designs.* **Jacalyn Urbaniak** (2004)
4. *Controlling of Devices Through the Internet.* **Ravinda Thamma** (2001)
5. *Comparative Analysis of the Performance of a Traditional Flight Simulator Hydraulic Motion System to that of a Prototype Roto-Pod Design.* **Jason Wood** (1999)

Undergraduate **Advisor**: (Spring 2007 – Present)
Undergraduate **Advisor:** (Fall 1998 – May 2003)

CURRICULUM DEVELOPMENT ACTIVITIES

- Review and revision of curricular materials to enhance teaching and learning by integrating what is learned from research and faculty development activities (ongoing).
- Supplementary curriculum materials—UND Podcast titled, "Statistically Speaking" (current).
- Course related podcast—IT 201—Electromechanical Systems & IY 300—Technology & Society
- Developed two new graduate courses for T&L program of study: T&L 586: Assessment in Higher Education and T&L 587: Technology in Higher Education (approved, Graduate Curriculum committee, 2004)
- New preps: T&L 545—Adult Learners; T&L 539—College Teaching; and T&L 590—Curriculum in Higher Education (2003-2005)
- Developed stand-alone multimedia module on Programmable Logic Controllers (PLCs) for use by students in IT 201. Field-tested unit with students' input before final release on CD ROM (2002 – present).
- Developed two booklets for use in computer hardware training course (2001-2003)
- Developed computer interactive multimedia module on network computer operation for use at Lake Region State College, formerly UND-Lake Region (1998 & 1999).
- Developed Computer Assisted Instruction (CAI) modules for courses in Electronics and PC Hardware at UND (1999).
- Developed DOS based interactive multimedia modules using authoring software to teach electronic course work to practicing technicians employed by ESI/AAI Cooperation, Dadalean, and Boeing Simulator Maintenance technicians (Fall 1992 - 1994). Modules were mailed to students in compressed format and included both course work and a variety of computer test/examinations i.e., True/false questions, matching, multiple choice, and essay questions which were returned on disk or via e-mail.
- Developed DOS based interactive multimedia college catalog in 1993 which provided general information about UND-Lake Region, the local area, student services, housing, and the Simulation Maintenance Technician Program.

INSTITUTIONAL SERVICE

Regional, National, & International Levels:

- Conference proposal reviewer—The Teaching Professor (***National***) (2007)

- The Teaching Professor—Advisory Panel Member—The Teaching Professor (***National***) (2007-2009)
- Conference proposal reviewer—Beyond Boundaries (***regional***) (2007)
- Conducted two faculty development workshops Minnesota West Community Colleges—"All Faculty Day" development training: '*Becoming Creative With Your Assessment of Student Learning'* and, '*Can you get to the Point with PowerPoint?'* (***regional***) (August 2006)
- Conference proposal reviewer—Beyond Boundaries (***regional***) (2006)
- Conducted half-day "Faculty Skills Development Training Seminar" for faculty at the University of Louisiana at Eunice on the topics of: *Alternative Course Assessment Strategies and Online Pedagogy (*sponsored by "The Teaching Professor") (***national***) (Summer 2005)
- Conference proposal reviewer—NRMERA (***regional***) (2005)
- Conference Co-Chair, Northern Rocky Mountain Educational Research Association (NRMERA) annual conference, Custer SD. (October 2004)
- Conference proposal reviewer—NRMERA (***regional***) and, Internet Processing Systems and Interdisciplinary (ISPI) Research (***international***) (2004)

University Level:

- Presidential Search Committee member (2007)
- Campus-wide UND Summer Freshman Orientation speaker (2004—2006)
- Feature role in UND Campus Orientation Video (2005/2006)
- Committee member – UND Student Relations Committee (SRC) (2003 – Present)
- UND Outstanding Faculty Awards Committee (OFAC) 2003 – 2005)
- OID sponsored year-long "New Faculty Teacher Seminar Mentor" program (mentored a Physics faculty member, 2004)
- Mentor – Alice Clark Mentorship Program (mentored 3 new faculty members: two in the Mathematics and one in the Technology department, 2003 & 2004 academic year)
- Martin Luther King planning committee (2004 – 2006)
- Alice Clark Program Review Group (2003)
- Full member Graduate Faculty (2003 – present)
- Harassment Investigation Team (HIT) member – Committee of Investigators on issues regarding 'protected class harassment on campus' (2002 – present).
- Appointed to serve on the University of North Dakota's leadership team for the Minnesota Collaborative Anti-Racism Initiative (MCARI) by UND's president (2002).
- Case study patient for first year Medical School students studying the athlete's heart and sudden death syndrome; participant in a question-answer wrap-up session with a local physician (Altru Clinic) who facilitated the meeting (ongoing every November: 2002 – present)
- Faculty review selection committee – both Teaching & Learning and Industrial Technology department (2001, 2002, & 2005)
- Member UND's Constitution Committee (2001-2002).
- Advisory Board member of the University within the University (U2) program (1999-2002)
- Small Group Instructional Diagnosis (SGID) consultant (2001-Present)
- Faculty Advisor, UND's Bicycling Club (2001 – present)

College & Department Level:

- Graduate Program Director (2007-present)
- Graduate Program Committee member (2007-present)
- Grievance Committee member (2007-present)
- T&L Higher Education emphasis coordinator (2006)
- T&L Ph.D. Ed.D. Admissions Committee member (2004 - 2006)
- Facilitator, faculty Dessert and Discussion series (2004-2006)

- Co-facilitator, faculty noon seminars (2004-2006)
- T&L Governing Committee (2004)
- T & L Graduate Council (formerly T & L Task Force Committee) member (2003 – 2004)
- Chair Technology Committee – College of Education and Human Development (2004 – present).
- PT3 ('Preparing Tomorrow's Teachers to Use Technology' in their Classrooms) leadership grant advisory member (2003-2004)
- Member Curriculum Committee – College of Business and Public Administration (CoBPA) (1999-2003)
- Member of a specially created Task Force by the Dean of the College of Business and Public Administration to provide input on the vision, mission, and name for the college (2002 - 2003)
- Merit incentive committee member CoBPA (2001-2002)
- Advisory member for the Simulation Maintenance Technician program at Lake Region State College (LRSC, 1999 – present)
- Faculty evaluation committee member, tenured and non-tenured education faculty (2000-present)
- Member of the 'Extended Faculty Members' group examining technology and teacher preparation (Bev Uhlenberg - coordinator of this activity – 1999 – 2003)
- CoBPA Curriculum committee member (1999 – 2003)
- Hultberg Lectureship committee member (1998)

Community Involvement:

- President of the 'Friends of Turtle River State Park' (2003 – present)
- Vice President Grand Forks Soccer Board (2005 – 2006)
- Assistant Girls Soccer coach ages 12-13 (2003 – 2004)
- Raised approximately $17,197.00 by riding across the state of North Dakota (three rides from 1999-2001) to provide financial assistance to three children and two adults with medical expenses associated cancer and a kidney transplant.
- Serving as a committee member of a non-profit organization called Alternative Sports Inc., and provided assistance in writing grants for this non-profit organization from: local businesses, Grand Forks Park district, Knight Foundation, and Bremer grants to support a variety of outdoor activities (estimated amounts received totaled some $65,529.05 (1998—2004)
- Co-presenter with education faculty member at seven-week workshop for fathers and their children (2003)
- Local Church - Teacher and substitute teacher adult Sunday School class (1999 –2001)
- Commander of a local non-denomination outreach program called AWANA for young children, Pre-school through 6th grade (1998 – 2000).

PUBLICATIONS/PERFORMANCES/EXHIBITS

Publication Record

Refereed articles

- **Yearwood, D**. (2005). Is Your Selection of Content Delivery Vehicles Closely Aligned With Your Pedagogical Goals? Essays in Education—Online Journal—14 http://www.usca.edu/essays/
- **Yearwood, D**. (2005). Troubleshooting in Technical Education. *ATEA Journal*, *32*(3), 8-12
- Diez, R., **Yearwood, D.,** & Huang, L. (2004). *Characteristics of An Industrial Technology Capstone Course*. ASEE. May 2004. http://www.asee.org/about/events/conferences/browse.cfm?year=2004&mode=author&letter
- **Yearwood, D**. & Spangler. R. (2002) Practical Suggestions For Integrating Technology into Classroom Instruction. *ATEA Journal*, *29*(4), 6-9.

- **Yearwood, D**. (2001) Technology and Its Many Variants: Myths, Half-Truths, and Realities. *The Researcher, 19*(1), 19-27.

Book Reviews

- **Yearwood, D**. (2005). Online Learning: Concepts, Strategies, and Application ["Review of the book: Online Learning: Concepts, Strategies, and Application] *Educational Reviewers*. http://edrev.asu.edu/
- **Yearwood, D.** & Arnau Dewar, S. (2005). Becoming Adult Learners: Principles and Practice for Effective Development ["Review of the book: Becoming Adult Learners: Principles and Practice for Effective Development"]. *Teaching & Learning: The Journal of Natural Inquiry and Reflective Practice, 19(3),*
- **Yearwood, D.** (2005). Online Learning: Concepts, Strategies, and Application ["Review of the book: Online Learning: Concepts, Strategies, and Application] Text review for Pearson Education—Comments to the authors for the second edition of the text
- **Yearwood, D** (2004) Multiple intelligences and adult literacy ["Review of the book: Multiple intelligences and adult literacy A sourcebook for practitioners"]. *Teaching & Learning: The Journal of Natural Inquiry and Reflective Practice, 18,124-126*

Non-Refereed Articles

- **Yearwood, D**. (2005). *Does Your Teaching With Technology Promote Good Pedagogy?* Sun Conference, University of Texas at El Paso
- **Yearwood, D** (2005). *Transforming Teaching and Learning Through Alternative Assessment. Faculty professional development*. Louisiana State University at Eunice
- **Yearwood, D.** (2005). *Web-Enhanced Instruction is Mostly About Understanding Electronic Pedagogy. Faculty professional development.* Louisiana State University at Eunice
- **Yearwood, D.**, & Yearwood, J. (2004). *Computer Technology in Early Childhood: Fad or Necessity?* Prairie Children—North Dakota Association for the Education of Young Children. (pp. 10-11).

Published Abstracts

- The Teaching Professor—Atlanta, GA. "Podcasting, an opportunity for exploring course content beyond what might be possible in traditional classroom settings." (2007)
- Beyond Boundaries—"Is Your Teaching with Technology Influenced by Electronic Pedagogy?" September 2006)
- The Teaching Professor— Nashville, TN. "Understanding the alphabet of PowerPoint to avoid emphasizing "C" more than "D" and "D" more than "E" (May 2006)
- The Teaching Professor Faculty Skills Development Seminar (2005). *Alternative course assessment strategies and Online pedagogy.* Louisiana State University at Eunice
- The Teaching Professor—Woodfield/Schaumburg, IL. "Using Technology in Our Classrooms: From Surviving to Thriving (top ten repeat presentation from 2003) & Is There a Point to PowerPoint" (2005)
- The Teaching Professor—Pittsburg, PA. "Using Technology in Our Classrooms: From Surviving to Thriving" (2004)
- The Collaboration for the advancement of college teaching and learning (2003). "Technologically United: For Better or Worse?"
- "Creating Active Learning Environments with Instructional Technologies" (March 2001). American Technical Education Association
- "Creating more active learning environments with technology." North Dakota Conference on Educational Improvement: Coming together to create a brighter tomorrow (September 1999).

- "Technology as an Instructional Tool." Seventeenth Anniversary Conference – Northern Rocky Mountain Educational Research Association (1999)

Article Recently Submitted for Consideration (2005)

- **Yearwood, D.** (2005) Technology In The Classroom: From Surviving to Thriving. *The Journal of Natural Inquiry and Reflective Practice.*

Works in Progress

Three articles at various stages of completion:

- Challenging the Dogma of the American University: A Look at the Potential Benefits of Spirituality Inclusion in Adult Learning (**Yearwood** & Haskins)
- Models of Adult Learning: Andragogy, Self-directed Learners and Transformational Learners (**Yearwood** & Hegle-Drewes)
- Teacher and Parents Perception of Computers – How Computers Affect Socialization Among Young Children' (**Yearwood** & Yearwood)

Research

- IRB approved research—faculty and students—Is Your Teaching with Technology Influenced by Electronic Pedagogy? (2005 – 2007).
- IRB approved research; student use of CD ROM multimedia modules to teach Programmable Logic Controllers (PLC) operation (2003-2005).
- IRB approved classroom assessment with a team of UND faculty (four members, each from different disciplines). Collaborative efforts centers on focus groups formed to consider students' perspectives on assessment (2002 – 2005)
- IRB approved research; the development of instructional modules to aid classroom learning – BUSH year-long study (2001-2002). Study has since evolved into an examination of Online instructional methodologies (study is ongoing).
- Action research; student use of CD ROM multimedia modules to teach Programmable Logic Controllers (PLC) operation (fall – 2002).
- Action research; troubleshooting techniques within Industrial Technology emphasis areas: graphic design, manufacturing, electronics, and computer applications
- IRB approved study; faculty comfort level, use and perception of instructional technology in their classroom, Northern Rocky Mountain Education Research Association (NRMERA membership – 2001).
- Follow-up study of freshman students – Effects of Different Methods for Introducing Incoming Freshman Students' to Computer Networks – UND-Lake Region – Fall 2000)
- IRB approved research; a comparison of instructor assisted multimedia versus stand-alone interactive multimedia methodologies for teaching computer network operation (1999)
- IRB approved research project; UND-Lake Region (August 1998), "A Comparative Analysis of Interactive Multimedia and Instructor-Led Demonstration in Teaching Operation of Networked Computers"
- IRB approved research; Comparative Analysis of Multimedia Media College Catalog with Tradition Printed College Catalogs (July, 1993)
- Summer research project; (supervised by Dr. Jun Wang) on Neural Network, sponsored by North Dakota Experimental Program to Stimulate Competitive Research (EPSCoR, Summer, 1993)

PROFESSIONAL PRESENTATIONS

International Refereed

- "Students' perceptions and the realities of using technology as a tool for independent study." The International society for the Scholarship Of Teaching and Learning (ISoTL), Vancouver, BC, Canada. (September, 2005)

National Refereed

- The Teaching Professor—Atlanta, GA. "Podcasting, an opportunity for exploring course content beyond what might be possible in traditional classroom settings" (2007)
- The Teaching Professor— Nashville, TN. "Understanding the alphabet of PowerPoint to avoid emphasizing "C" more than "D" and "D" more than "E" (2006)
- The Teaching Professor—Woodfield/Schaumburg, IL. "Is there a point to PowerPoint?" (May 2005)
- Repeat Presentation—Back by Popular Request—The Teaching Professor, Pittsburg, PA. "Using Technology in Our Classrooms: From Surviving to Thriving" (May 2005—*presentation rated one of top 10 by conference attendees*)
- Sun Conference on Teaching and Learning at El Paso TX: "Does Your Teaching with Technology Promote Good Pedagogy?" (March 2005)
- Lead presenter at National Association of Industrial Technologist (NAIT): "A Multimedia Approach to Teaching Programmable Logic Controllers (October 2004)
- The Teaching Professor—Pittsburg, PA. Using Technology in Our Classrooms: From Surviving to Thriving (May 2004)
- Workshop presenter at the 2002 National Association of Industrial Technologist (NAIT) conference
    - ***Four presentations***:
        - 'Troubleshooting – No IT Program Should be Without IT.'
        - Co-Presenter – 'The Capstone Sequence – Many Roles'
        - Co-Presenter – 'Program Assessment – Assessment Plan for an Existing IT Program'
        - Co-Presenter – 'Distance Learning and Live Demonstrations via Video Capture, NetMeeting, and ITV'
- Presenter at American Technical Education Association' s national conference, 'Creating Active Learning Environments with Instructional Technologies' (March 2002)
- Presenter at National Association of Industrial Technologist (NAIT) – 'Creating More Active Learning Environments with Technology (November 2000)
- Presenter at the NAIT national conference: 'Multimedia and Traditional Classroom Methodologies – Effects on Students' Retention and Attitudes.' (November 1999)

Regional Refereed

- Lead presenter, Beyond Boundaries workshop: "Is Your Teaching with Technology Influenced by Electronic Pedagogy?" (2006)
- Workshop presenter, Northern Rocky Mountain Educational Research Association (NRMERA) – "The Pedagogy of Electronic Technologies for Self-Study" (Jackson Hole, WY. October 2005)
- Lead presenter, Northern Rocky Mountain Educational Research Association (NRMERA) – "Electronic Pedagogy—Is it Really That Different From Plain Old Vanilla Pedagogy?" (Jackson Hole, WY. October 2005)

- Lead presenter Beyond Boundaries workshop: "What's the Point in PowerPoint?" September 2004) *Request made for a second presentation of the same workshop in the afternoon*
- Lead presenter Beyond Boundaries workshop: "Pre-Service Teachers & Technology in the Classroom: How Well Are Their Students Learning?" (September 2004)
- Workshop presenter at Northern Rocky Mountain Educational Research Association (NRMERA) – "Using Technology in Our Classrooms – From Surviving to Thriving" (Jackson Hole, WY. October 2003)
- Co-presenter, The Collaboration for Advancement for Advancing Teaching and Learning in Minneapolis – 'Technologically United: For Better or Worse' (2003)
- Workshop presenter, Northern Rocky Mountain Educational Research Association (NRMERA) – "Extending Visual Learning – Another Instructional Model in a Teacher's Repertoire" (Estes Park, CO. October 2002)
- Co-presenter, Northern Rocky Mountain Educational Research Association (NRMERA) – "Instructional Technology: The Promise and the Reality" (Jackson, WY October 2001)
- Presenter, Northern Rocky Mountain Educational Research Association's (NMERA) annual conference on October 4-7 on research gathered from two research ventures conducted at Lake Region State College (LRSC) concerning the 'Effects of Using Technology in the Classroom' (October 2000)
- Presenter, 30th Annual North Dakota All Service Conference for community colleges on ways to integrate instructional technology into the classroom environment (August 9th 2000)
- Presented research paper, 'Technology and the Classroom' at the 17th annual NRMERA conference "Technology as an Instructional Tool (Jackson WY October 1999)
- Presenter, North Dakota Conference on Educational Improvement (conference for Educational Administrators): "Creating More Active Learning Environments With Technology" September 27-28th 1999

Invited Presentations

- Presenter, two CILT faculty development workshops—"Enhancing Course Content with Podcast" and, "Could you get to the Point With Your PowerPoint?" (2007)
- Presenter—UND New Faculty Teaching Seminar—sponsored by OID – 2004 & 2005
- Workshop presenter – Faculty, staff, and students at the Center for Rural Health. "Effective use of PowerPoint as a Communications Tool." (September 2004)
- Workshop presenter – Graduate Teaching Assistants – 'Classroom Technologies – Their use in academic environments' (August 2004)
- Faculty development workshop for faculty at the College of Nursing, 'Is Your Teaching Reaching? Creative ways to Use Instructional Technology in the Classroom" (in-service training, November 2003)
- Panelist, "Reflecting on Teaching: An All-Campus Colloquium" sponsored by OID and Archibald Bush Foundation (2003)
- Presenter, Graduate Students in Adult Education Class – 'Technology and the Adult Learner.' (November 2003)
- Lead presenter, faculty noon, 'Lunch Box Seminars' – 'Technologically United: For Better or Worse' (October 2003)
- Workshop presenter – Graduate Teaching Assistants – 'Classroom Technologies – The Toys versus Tools Debate' (August 2003)
- Motivational speaker - Red Lake Falls high school (Spring 2003) All school gathering, 'Life After High School.'
- Facilitator for a semester long 'Faculty Study Seminar' (FSS) on the topic of 'Online Instruction' (Fall 2002 semester)
- Presenter to faculty at the Odegard School of Aerospace and Sciences – 'Lamentations of a Technologically Challenged Faculty' (October 30th 2002)

- Workshop presenter – Graduate Teaching Assistants – 'Lamentations of an IT Faculty' (August 2002)
- Guest presenter to education doctoral students about appropriate and inappropriate use of technology in classroom (March 2001 – 2003)
- Motivational speaker - Red Lake Falls high school (Spring 2000 & 2001) seniors on: 'The Senioritist Malady and the Importance of a College Education.'
- Writing Across the Curriculum (WAC) presenter on the topics of Classroom Instructional Technologies and Plagiarism (Fall 2001)
- Workshop presenter – Graduate Teaching Assistants – 'Using Technology in the Classroom' (August 2001)
- Speaker at the Milken Family Foundation National Educator Awards: "Creating More Active Learning Environments With Technology" November 22nd 1999
- Presenter at a Bush Funded Consortium conference in Bismarck for two-year colleges on, 'Appropriate Methods of Integrating Technology Into The Classroom.' (1997)

GRANTS & CONTRACTS

- Summer professor development grant—Curriculum Development and Equipment (2007)
- 'A multidimensional approach to online calculus homework with a diverse feedback feature' Zeer, R. – Co-PI & **Yearwood, D. Co-PI** 2006. Funding source: National Science Foundation (NSF) for the amount of $142,042.00—NSF 0632554. *Proposal Status—* ***proposal not funded***
- 'Application of Dynamic Modeling to Study Interactive Process Factors in Teacher Development and Student Learning' (**Yearwood, D.** – PI & Jensen, D. Post-doctoral research assistant, 2005). Funding source: Faculty CEHD Research Seed Money for the amount of $38,440.00—***proposal not funded***
- Summer Graduate Research Professorship award of $6000.00—a study which included three graduate students to examine the concept of "Electronic Pedagogy" (Summer 2005)
- Co-writer, grant to fund three 'media equipped classroom' in Education building, rm. 201, 208, & 301: $44,622.00 from Student Technology Fee committee (Spring 2005)
- Lead writer, grant to fund a 'media equipped classroom' in Education building, rm. 203: $13,603.00 from Student Technology Fee committee (Spring 2004)
- Received a Bush Foundation Faculty Development Grant to explore issues related to teaching and learning using the Internet $4000.00 (May 2001 & Summer 2003)
- Instructional development and travel grants (1999-2004) $10,500.00 & $5550.00 respectively
- Wrote a request for 38 recycled computers from Altru Hospital to be utilized in a newly developed class—PC Hardware—and for use in one-day PC Hardware workshops sponsored by the U2 program on campus, a market value of approximately $15,200.00 (Summer 1999)

PROFESSIONAL ASSOCIATIONS

- Phi Delta Kappa
- Associate member of the Society of Manufacturing Engineers (SME) and Electronic Manufacturing Engineers, an institution for the advancement of scientific knowledge in the field of Manufacturing Engineering.
- Epsilom Pi Tau, an international honorary organization for professions in technology
- Alpha Phi Sigma, an Honorary Scholastic Society, lifetime member.
- National Association of Industrial Technologist (NAIT)
- Northern Rocky Mountain Educational Research Association (NRMERA)

Certification:

- A+ Certification – An industry wide, vendor neutral program developed and sponsored by CompTia (the Computing Technology Industry Association).
  - A+ Core Service Technician
  - A+ DOS/Microsoft Windows Service Technician
- Vocational Credential, North Dakota State Board for Vocational Education (1989—1998).
- Certified Senior Industrial Technologist (CSIT)

PROFESSIONAL EDUCATION/COSULTING ACTIVITIES

- Completed training on 'Unlawful Harassment of Students' as a member of a university committee formed to deal with protected class harassment issues on campus (2003 & 2004)
- Completed training as a faculty member on the 'Student Relations Committee (SRC)' (2003 & 2004)
- Faculty related 'Discussion Series' noon 'Box Lunch' sessions on a variety of student learning, teaching, assessment issues, grading battles, learning to think, student writing, instructional issues, etc (1999 - present)
- Formal Training in the following areas: Programmable Logic Controllers (manufacture sponsored training – Border States Electric Supply, Grand Forks; college/conference focused workshops training – National Association of Industrial Technology); and micro-controllers (Parallax systems, 2002)
- Successfully completed the National Association of Industrial Technology (NAIT) accreditation training – the agency responsible for granting accreditation to Industrial Technology programs in the United States (2002).
- Completed program/curriculum assessment training – OID sponsored workshop (2001) by Philip Way Ph.D., University of Ohio, and follow-up training (2002).
- Received training on issues related to web course development which includes: how students learn online, teaching online, planning online courses, creating online discussions, and online testing issues – Learning Resources Network (LEARN, 2002).
- Completed A+ Certification examination (A+ Core Service Technician Exam – CompTia Certification Program) 2001.
- Completed A+ Certification examination (A+ DOS/Microsoft Windows Service Technician Exam – CompTia Certification Program) 2001.
- Continuing education training in computer graphic design (1995 & 1996).
- Continuing Education Training in Advanced PC Troubleshooting, Data Tech Institute (1996).
- Continuing Education Training with Northwest Aerospace Training Cooperation (NATCO) on simulation systems (Minnesota, Summer 1995).
- Continuing Education Training with Boeing on simulation systems at Castle AFB, California (Summer 1991).

Business/Consulting:

- Conducted Outpost Line-Worker Qualification Training, Minnkota Power Cooperative Inc. (February-March 2007)
- Conducted faculty development workshop (102 faculty members) under contract from the Minnesota West Community & Technical Colleges, Worthington Campus (August, 21st 2006)
- Conducted faculty professional development workshop (124 faculty members) under contract from the Teaching Professor for faculty at Louisiana State University at Eunice (June, 2005)
- Customized computer hardware trainer in computer assembling, troubleshooting, repair, and system operation (1997 – present).

- Designed & developed integrated multimedia training module for Vector Training Systems Inc. on: system setup; signal flow diagram; diagnosis and troubleshooting; glossary of simulator terms/definitions; etc.. for Vector's flight simulators (August 1999-August 2000).
- Past owner and operator of 'Data Transfer Services' a video and graphic design business (1994-1999)

HONORS & AWARDS

- Recognized in "Who's Who Among America's Teachers (2004 & 2005)
- Recognized in "Who's Who Among America's Teachers (2003 & 2004)
- Received one of two meritorious award for 'Teaching, Research, and Service' in the College of Business and Public Administration (CoBPA) for the 2002 academic year for outstanding work in the three areas identified (2002).
- Received one of two meritorious awards for 'Teaching' in the 2001 academic year in the College of Business and Public Administration (CoBPA) for 'Excellence in Teaching' within the college (2001).
- Received the Access Champion Award from Disability Support Services (DSS) for outstanding efforts in providing access to students with disabilities in respectful, creative, and inclusive ways (2001).

Nomination

- Nominated for UND Outstanding Graduate Faculty Award (2007) (award withdrawn by the T&L department due to my move to assume the Departmental Chair's duties/responsibilities in the Technology Department)
- Nominated for UND Outstanding Graduate Faculty Award (2005)
- Nominated for UND Outstanding undergraduate Faculty Award (2003)

References

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