

Gregory Thomas Slupe, Ph.D.

Work Address

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EDUCATIONAL BACKGROUND

2014, Ph.D. in Work and Human Resource Education, University of Minnesota-Twin Cities,
Minneapolis, Minnesota

2007, Master of Science Degree in Industrial/ Technology Education, University of
Wisconsin-Stout, Menomonie, Wisconsin

2003, Two Year Technical Diploma in Machine Tooling Technics, Chippewa Valley
Technical College, Eau Claire, Wisconsin

1998, Bachelor of Science Degree in Industrial Technology with concentration in Manufacturing
Management, University of Wisconsin-Stout, Menomonie, Wisconsin

INSTRUCTIONAL WORK EXPERIENCE

Assistant Professor Sept. 2008 to July 2016 and Aug. 2019 to present U.W.-Stout
Courses instructed: MFGT-150 Introduction to Engineering Materials (laboratory sections),
MFGT-202 Welding and Casting Processes, MFGT-252 Joining and Casting Processes, MFGT-
303 Computer Aided Manufacturing, MFGE-325 CAM for Manufacturing Engineers, RD-320
Prototype and Model Making, ETECH-100 Impacts of Engineering (lecture sections). Served as
an academic advisor for approximately 50-75 students each year. Advised UW-Stout Student
Chapter of the American Foundry Society. Coordinated SkillsUSA Regional Competition at
UW-Stout annually (350 participants). Managed Manufacturing Technology Laboratory (12,000
sq ft), Metal Casting Laboratory and Computer Aided Manufacturing Laboratory in Fryklund
Hall.

Machine Tool Instructor July 2016 to July 2019 Chippewa Valley Technical College
Courses instructed: 420-321/322 Manual Turning and Milling Processes; 420-340 Materials for
Machinists, 420-125 Related Machine Tool Processes, 420-106 Related CNC Processes.
Responsible for updating and creating new course materials, including CADD prints, process
sheets, laboratory and blended learning activities. Work closely with district K-12 and instruct
High School Academy students at CVTC; serve a diverse student base; closely connected with
small and large employers throughout the Chippewa Valley. Worked as Co-Principle
Investigator of National Science Foundation Advanced Technological Education Grant.

Professional Educator July 2014 to present National Training Institute
Nominated to participate as a Visiting Scholar for the National Joint Apprenticeship and Training Committee, National Training Institute at the University of Michigan, Ann Arbor, Michigan in July 2013. During 2014 was selected to serve as a Professional Educator and have since taught multiple sections of Course 11: Elements of Trade Teaching and Course 42: Creating an Active Training Environment. Course curriculum places emphasis on applied and blended learning for IBEW and NECA professionals.

Lecturer September 2005 to September 2008 U.W.-Stout
Courses instructed: MFGT-202 Welding and Casting Processes, MFGT-203 Machining and Metal Forming Processes, MFGT-253 Joining and Casting Processes, MFGT-303 Computer Aided Manufacturing, MFGE-325 CAM for Engineers

Graduate Assistant July 2005 to December 2006 U.W.-Stout
Assisted U.W.-Stout directors of the National Center for Engineering and Technology Education (NCETE) through the development of workshop materials, jigs and fixtures; Attended state and national technology educators conferences; Assisted in development of high school technology education instructor workshops; Promoted NCETE and Technology Education program at annual conference.

INDUSTRIAL WORK EXPERIENCE

Coordinator/ Supervisor February 2003 to December 2006 Badger Iron Works Inc.
Designed and built fixtures to support castings for 5 axis CNC Barinder Grinder; Programmed using Fanuc Controls Language; Trained and supervised approximately 10-12 employees in melting, pouring, shakeout, and grinding operations during second shift; Communicated safety, quality, and production goals of company on a daily basis.

CNC Machinist June 2003 to March 2004 Star Pattern Works Inc.
Programmed and Operated Milltronics and Tree vertical milling machines using Surfcam software; Machined and assembled collapsible core tooling for Thermoking.

Machine Technician May 2001 to March 2002 REB Translab Inc.
Machined plastic, brass, and stainless steel parts on Mazak Turning Centers; Assisted in stock cutoff, assembly, and packaging of completed packaging machines.

Project Coordinator April 2000 to April 2001 Di-Hed Yokes Inc.
Responsible for all production aspects of Liquid Flow Through components for F-14 and F-22 fighter jets; Managed heatsink production, sub contracting, and purchased all perishable tooling, supplies, and services; Developed and implemented an in house process for heat treatment of aluminum and aluminum/ beryllium components from AMS specifications; Maintained and issued work instructions and control plans in accordance with QS9000 quality system; Operated and performed maintenance on PV/T Vacuum Brazing Furnace, to include program modification, thermocouple rewiring, and mechanical overhauls

SERVICE ACTIVITIES

Chippewa Valley Technical College

SkillsUSA Machine Tool Advisor, took three Machine Tool students to participate in State SkillsUSA Competition in Madison, Wisconsin
April 2018

Attended HAAS Regional HTEC for CNC Machine Tools, Hastings Nebraska
April 2018

Attended WTCS state called meeting for CNC Machine Tool, Wausau, Wisconsin
October 2017

University of Wisconsin-Stout

Board Member

B.S. Engineering Technology Program: Fall 2016 to present
B.S. Technology Education Program
B.S. Plastics Engineering Program
B.S. Manufacturing Engineering Program

Search and Screen Committee Member- Engineering Technology Department
Fall and Spring 2013, Spring 2016

UW-Stout Representative/Participant, Advanced Machinist Certificate Discussion with Chippewa Valley Technical College, Eau Claire, WI
Winter 2013/14

Programmed/Machined/Finished Fashion Apparel Trophy Metal Base, Apparel Department
April 2013

Laboratory Modernization Project Coordinator
January 2012

Laboratory Modernization Project Coordinator
Spring, Summer, Fall 2012

Engineering Technology Program ABET Accreditation Committee Member
Fall 2012 to July 2016

Organizer and Lead Instructor, Society of Women Engineers (SWE) SWEat Events
Bi-annually, September 2011 to July 2016

Organizer and Leader of Advisory Board Meeting for Fryklund Hall 101 Laboratory
October 2009

SERVICE ACTIVITIES (continued)

University of Wisconsin-Stout (continued)

Organizer and Leader of Safety Training Program for Fryklund Hall Laboratory Assistants
Fall 2009 to July 2016

Participant, NCATE review for School of Education
Fall 2009

Programming Judge, Annual FIRST Lego League
Fall 2009 to Fall 2014

Instructor, Project Lead the Way Computer Integrated Manufacturing
Fall 2008 - Spring 2009

Chapter Advisor, UW-Stout Student Chapter of the American Foundry Society;
2007 to July 2016

Event Coordinator, Annual SkillsUSA Regional Leadership and Skill Competition at
UW-Stout
February 2007 to July 2016

Instructor and Technical Support, STEPS camp for 7th Grade Girls
2006 to July 2016

Coaching Assistant, UW-Stout Varsity Men's Team
Fall 2003 to present

Greater Menomonee Area

Board Member
Menomonee Senior High School Technology and Engineering Department
Spring 2009 to present

Assistant and Head Coach, Menomonee Youth Hockey Association
Fall 2009 to present

Assistant Coach, Menomonee Recreation Department Girls Softball
Spring 2014 to Spring 2018

Participant, CROP Walk for Hunger
October 2010

Race Route Assistant, Annual Oaklawn Elementary School Acorn Dash
(5k/1 mile fun run/walk)
October 2010 to October 2014

Project Work, Summer Daze Medallion Designed/Programmed/Machined/Finished
for Main Street of Menomonee
May 2012