

Michael P. Gulseth

Education

May 1999	North Dakota State University (NDSU), Fargo, ND
May 1997	Doctor of Pharmacy
May 1997	Bachelor of Pharmaceutical Sciences (with honor)
	Chemistry Minor

ASHP Accredited Pharmacy Practice Residency

June 2000	United Hospital, Allina Health System
June 1999	St. Paul, MN
	David Fuhs, Pharm. D., M. S., Residency Director

Board Certification

December 2002	Board of Pharmaceutical Specialties, Washington, DC
December 2009	Board Certified Pharmacotherapy Specialist
	Recertified

Professional Association Fellow

March 2011	American Society of Health-System Pharmacists (ASHP)
	Fellow of ASHP

Professional Experience

Program Director for Anticoagulation Services

Present	Sanford USD Medical Center
August 2008	Sioux Falls, SD
	Mike Duncan, Pharm. D., Supervisor
	<ul style="list-style-type: none">• Charged with monitoring the quality of the Sanford USD Medical Center Anticoagulation Management Service• Chair of the anticoagulation subcommittee• Launched an inpatient pharmacy managed anticoagulation service• Launched a pharmacy led outpatient anticoagulation service• Research interests include improving the care of patients through innovative models of providing systematic anticoagulation care and evaluating real world use of anticoagulants in the health-system setting

President

Present	Michael P Gulseth Anticoagulation Consulting, Inc.
April 2012	Sioux Falls, SD
	www.anticoagulationconsulting.com
	Consulting services specializing in:

- Analyzing systems of care
- Providing comprehensive staff education programs on site
- Expert witness for the defense in litigation lawsuits against physicians and hospitals

Adjunct Assistant Professor

Present
September 2010

South Dakota State University College of Pharmacy
Sioux Falls, SD
Department of Pharmacy Practice

Assistant Professor/Clinical Specialist

June 2008
August 2003

University of Minnesota College of Pharmacy, Duluth
Duluth, MN
Randy Seifert, Pharm D. Department Chair

- Practice site was Saint Mary's/Duluth Clinic (SMDC) Health System; served as a clinical specialist for anticoagulation
- Established the first pharmacy practice residency program in Duluth, MN at Saint Mary's Medical Center
- Launched an inpatient pharmacy managed anticoagulation service
- Appointed chair of anticoagulation services for SMDC Health System in September 2004
- Oversaw the clinical anticoagulation care provided by our pharmacists in the hospitals and by our nurses in the clinics
- In charge of all acute care PD-4 rotation students
- Teaching responsibilities included didactic and experiential education activities
- First Duluth based didactic course director for a class taught to both Duluth and Minneapolis students

Clinical Specialist

August 2003
July 2000

Fairview Southdale Hospital, Fairview Health System
Edina, MN
Carl Woetzel, Pharm. D., MBA Supervisor

- Ran a 500 patient outpatient anticoagulation clinic until May 2001
- Responsibilities included practice management of inpatient warfarin dosing service; medication use evaluation; provision of continuing education for medical, pharmacy, and nursing staff; quality assurance activities; patient education; physician order entry technology development; formulary monograph preparation; pain management service development, clinical pharmacy education for students, new pharmacist clinical orientation, co-chair of the Fairview knowledge based order subcommittee

Adjunctive Clinical Instructor

August 2003
December 2001

University of Minnesota College of Pharmacy
Minneapolis, MN

Additional Pharmacy Work Experience

- June 2008
June 2007
- St. Mary's Medical Center, Duluth, MN
Relief Decentralized Clinical Pharmacist
- Responsibilities include verifying physician orders; daily review of inpatient labs/medication lists; kinetics/TPN monitoring; dosing warfarin/heparin, drug information for physicians, nurses, and patients; patient medication counseling; and promotion of optimal drug therapy
- July 2003
July 2000
- Fairview Southdale Hospital, Edina, MN
Relief Decentralized Pharmacist
- Responsibilities include verifying physician orders; daily review of inpatient labs/medication lists; kinetics/TPN monitoring; dosing warfarin/heparin, drug information for physicians, nurses, and patients; patient medication counseling; and promotion of optimal drug therapy
- June 2000
June 1999
- United Hospital, St. Paul, MN
Decentralized Pharmacist
- Responsibilities included verifying physician orders; daily review of inpatient labs/medication lists; kinetics/TPN monitoring; drug information for physicians, nurses, and patients; patient medication counseling; and promotion of optimal drug therapy
- May 1999
August 1996
- Linson Pharmacy, Fargo, ND
Pharmacy Intern
- Responsibilities included filling retail and nursing home prescriptions, counseling patients, and answering questions
- August 1997
May 1997
- Indian Health Service, New Town, ND
Junior Commissioned Officer, Pharmacy Intern
- Responsibilities included filling outpatient prescriptions, counseling patients, stocking clinic medications, answering doctors' medication questions, and clinic staff education
- May 1993
May 1990
- Rolette Pharmacy, Rolette, ND
Clerk
- Provided customer service and stocked merchandise

Professional Activities

Residents Mentored

- 2015-2016
- Mindy Harpine
University of Maine
- 2012-2013
- Ashley Barta
South Dakota State University College of Pharmacy
- 2008-2009
- Rhonda J. Hammerquist
South Dakota State University College of Pharmacy
- 2007-2008
- Paul I. Behrens
University of Minnesota College of Pharmacy
- Sara A. Fowler

South Dakota State University College of Pharmacy

2006-2007

Heather M. Paintner
Creighton University College of Pharmacy

Kelli M. Miller
North Dakota State University College of Pharmacy

2005-2006

Heidi Ress, Pharm. D.
University of Iowa College of Pharmacy

2004-2005

Brandi Schneider, Pharm. D.
University of Minnesota College of Pharmacy

Selected Presentations

December 2016

“Strategies for Antithrombotic Therapy in Hospitals:
The Clinical Perspective”

“Balancing Act: Managing Bleeding and Thrombosis with DOACs
Pro/Con Debate Specific Reversal Agents are a Better Option for
Reversal than Clotting Factors”

Invited presentations

American Society of Health-System Pharmacists Midyear Clinical
Meeting
Las Vegas, NV

October 2016

“Developing an Anticoagulation Management Program”

“Expanding and Renovating an Anticoagulation Management Program”
“Anticoagulation Care 2016: Contemporary Issues in Anticoagulation
Management”

Invited presentations

Taking Pharmaceutical Care Practice to the Next Level; Optimizing
Outcomes, Overcoming Challenges, and Shaping the Future
Conference sponsored by King Faisal Specialist Hospital & Research
Centre - Jeddah Branch
Jeddah, Saudi Arabia

April 2016

“Bridging Anticoagulation: Firm Foundation or House of Cards?”

Invited presentation, South Dakota Society of Health-System
Pharmacists Annual Meeting
Rapid City, SD

December 2015

“Managing Direct Oral Anticoagulant Therapy through Invasive
Procedures”

Invited presentation, American Society of Health-System Pharmacists
Midyear Clinical Meeting
New Orleans, LA

December 2015

“Challenges with Using Oral Agents to Bridge with Warfarin”

Invited presentation, Pharmacy Invitational Conference on Antithrombotic
Therapy (PICAT)
New Orleans, LA

October 2015

Anticoagulation Considerations in Neuraxial Anesthesia

Invited presentation, American College of Clinical Pharmacy Annual
Meeting

San Francisco, CA

- March 2015 "Evolution of Anticoagulants and the Effects on Patient Safety"
Invited National Webinar
Institute of Safe Medication Practices
Horsham, PA
- April 2015 "When is it Safe to Resume Anticoagulation after a Bleed?"
December 2014 Invited presentation, American Society of Health-System Pharmacists
Midyear Clinical Meeting
Anaheim, CA
University of South Dakota School of Medicine Grand Rounds
Sioux Falls, SD
- November 2014 "Developing an Anticoagulation Management Program"
"Contemporary Formulary Evaluation Methods"
Invited Presentation
Contemporary Issues in Pharmacy Conference presented by the
American Society of Health-System Pharmacists
Jeddah, Saudi Arabia
Riyadh, Saudi Arabia
- September 2014 "Novel Oral Anticoagulants 2014; An Update"
Invited Presentation
American College of Physicians, SD Chapter Annual Meeting
Pierre, SD
- August 2014 "Living on the Edge: A Live Report for the Anticoagulation Frontier"
Invited Presentation
Pharmacy Society of Wisconsin Annual Meeting
Wisconsin Dells, WI
- April 2014 "Novel Oral Anticoagulants; Formulary Implications for the Hospital?"
Invited Presentation
Greater New York Healthcare Association Meeting
New York, NY
- April 2014 "Anticoagulation Boot Camp 2014; from Basic to Advanced Practice"
All day invited seminar, Minnesota Society of Health-System
Pharmacists
Bemidji, MN
- April 2014 "The Treatment of Venous Thromboembolism (VTE):
March 2014 Has Warfarin Met Its Match?"
Invited presentation, Minnesota Society of Health-System Pharmacists
St. Paul, MN
South Dakota Society of Health-System Pharmacists
Sioux Falls, SD
North Dakota Pharmacists Association
Fargo, ND
- March 2014 "What's New with the New Oral Anticoagulants"
Invited Reactor Panel Participant
American College of Cardiology Annual Scientific Session & Expo
Washington, DC

February 2014	<p>“The Evolution of VTE Treatment in a Regulated World; a Presentation for both Clinicians and Practice Managers” Invited presentation, Massachusetts Society of Health-System Pharmacists Boston, MA</p>
December 2013	<p>“Quality Improvement of Inpatient Anticoagulation Management Over 5 Years at a Tertiary Medical Center” Poster Presentation American Society of Health-System Pharmacists Midyear Clinical Meeting Orlando, FL</p>
December 2013	<p>“Anticoagulation Management in the Regulated World” Invited presentation, Pharmacy Invitational Conference on Antithrombotic Therapy (PICAT) Orlando, FL</p>
August 2013	<p>“CAPs: Creating Anticoagulation Plans to Prevent Stroke in Patients With Atrial Fibrillation” Invited presentation, St. Vincent Charity Medical Center Grand Rounds Cleveland, OH</p>
August 2013	<p>“The Treatment of Venous Thromboembolism (VTE): Has Warfarin Met Its Match?” University of South Dakota School of Medicine Grand Rounds Sioux Falls, SD</p>
December 2012	<p>“Effect of Computerized Provider Order Management on Reported Medication Variances Relating to Anticoagulation” Poster Presentation American Society of Health-System Pharmacists Midyear Clinical Meeting Las Vegas, NV</p>
December 2012	<p>“A 'Bloody' Debate - Which Agent is Best to Prevent Stroke in a Treatment Naive Atrial Fibrillation Patient?” Invited presentation, American Society of Health-System Pharmacists Midyear Clinical Meeting Las Vegas, NV</p>
October 2012	<p>“Novel Oral Anticoagulants in Chronic Kidney Disease: are They Absolutely Contraindicated?” Invited presentation, American College of Clinical Pharmacy Annual Meeting Hollywood, FL University of South Dakota School of Medicine Grand Rounds Sioux Falls, SD</p>
April 2012	<p>“Compliance with Warfarin Treatment for Venous Thromboembolism in High-Risk Patients and Its Association with Recurrent Events” Poster Presentation Academy of Managed Care Pharmacy Annual Meeting San Francisco, CA</p>

March 2012	<p>Stroke Prevention with New Oral Anticoagulants in Atrial Fibrillation; Has Warfarin Finally Met Its Match? Invited presentation, South Dakota Society of Health System Pharmacists Invited presentation, University of South Dakota Internal Medicine Grand Rounds Sioux Falls, SD</p>
March 2012	<p>“Pharmacotherapy of New Antithrombotics” Invited Reactor Panel Participant American College of Cardiology Annual Scientific Session & Expo Chicago, IL</p>
March 2012	<p>“Discontinuation of Warfarin Treatment for Venous Thromboembolism and Its Association with Recurrent Events in High-Risk Patients” Poster Presentation American Pharmacists Association Annual Meeting New Orleans, LA</p>
December 2011	<p>“Genomics and Warfarin, A Refresher and Update” Invited presentation, American Society of Health-System Pharmacists Midyear Clinical Meeting New Orleans, LA</p>
December 2011	<p>“Antithrombotic Therapeutic Pearls and Debates 2011: New Insights into a New World” Meeting chair and presenter, American Society of Health-System Pharmacists Midyear Clinical Meeting New Orleans, LA</p>
December 2011	<p>“Managing Anticoagulation Therapy: Basic and Advanced Workshops for Pharmacists” Pre-meeting workshops, American Society of Health-System Pharmacists Midyear Clinical Meeting New Orleans, LA</p>
September 2011	<p>“Anticoagulation Pearls and Pitfalls” Invited presentation at Annual Primary Care Conference Mayo Clinic, Rochester, MN</p>
August 2011	<p>“Presentation Pearls: Strategies for Engaging Audiences in Active Learning & Assessment” Invited National Teleconference, 150 attendees American Society of Health-System Pharmacists</p>
May 2011	<p>“Contemporary Issues in Antithrombotic Therapy: Why is My World Upside Down?” Bellin Health Invitational Conference on Cardiology Green Bay, WI</p>
April 2011	<p>“Dabigatran Etxilate: Cause for Celebration or Concern?” Invited Presentation Greater New York Healthcare Association Meeting</p>

New York, NY
Newark, NJ

- February 2011 "The New Oral Anticoagulants: Cause for Celebration or Concern?"
Invited National Teleconference, 600 attendees
Pharmacy One Source
- December 2010 "Debates and Pearls in Antithrombosis Therapy"
Meeting chair and presenter, American Society of Health-System
Pharmacists Midyear Clinical Meeting
Anaheim, CA
- December 2010 "Managing Anticoagulation Therapy: an Advanced Workshop for
Pharmacists"
Pre-meeting workshop, American Society of Health-System Pharmacists
Midyear Clinical Meeting
Anaheim, CA
- June 2010 "The National Patient Safety Goals and VTE Core Measures: What do
We Know and How Do We Do It"
Invited Regional Teleconference, 521 attendees
Greater New York Health Association
- May 2010 "Managing VTE Prophylaxis: Making a Case for a Team Approach to
Quality Improvement"
Online continuing education program
ASHP Advantage
- May 2010 "Multidisciplinary Approach to Identifying Patients at Risk for Developing
VTE"
Online continuing education program
ASHP Advantage
- February 2010 "The Changing World of VTE Prevention"
Invited Keynote Presentation
Tenet Healthcare 2010 Quality Summit
Dallas, TX
- February 2010 "Evolution in the Prevention and Treatment of Venous Thromboembolic
Disease; Will We Have New Oral Treatment Options?"
Invited Presentation
Medassets Regional Meeting
Birmingham, AL
- December 2009 "Inpatient warfarin: experience with pharmacist management at a tertiary
care medical center"
Poster Presentation
American Society of Health-System Pharmacists Midyear Clinical
Meeting
Las Vegas, NV
- December 2009 "Effects of requiring a baseline international normalized ratio for
inpatients on warfarin therapy: a pilot study"
Poster Presentation

	American Society of Health-System Pharmacists Midyear Clinical Meeting Las Vegas, NV
December 2009	“The Future is Now: Evolution in the Prevention and Treatment of Venous Thromboembolic Disease” Meeting chair and presenter, American Society of Health-System Pharmacists Midyear Clinical Meeting Las Vegas, NV
December 2009	“Bridge Therapy and Risk Stratification” Invited presentation, Pharmacy Invitational Conference on Antithrombotic Therapy (PICAT) Las Vegas, NV
December 2009	“Managing Anticoagulation Therapy: an Advanced Workshop for Pharmacists” Pre-meeting workshop, American Society of Health-System Pharmacists Midyear Clinical Meeting Las Vegas, NV
October 2009	“DVT Prophylaxis: the Role of the Hospital Pharmacist” Invited education, Northern New Jersey Society of Health System Pharmacists Paterson, NJ
August 2009	“Venous Thromboembolism Prevention Update: Do Better with the Old, and In with the New?” University of South Dakota School of Medicine Grand Rounds Sioux Falls, SD
June 2009	“Perspectives in Preventing and Treating Thrombosis with Anticoagulants; Interactive Case Study” General Education Session, American Society of Health-Systems Pharmacists Summer Meeting Chicago, IL
June 2009	“Performance Improvement Workshop: Improving Patient Outcomes in Thromboembolic Disorders” Faculty, ASHP Advantage Regional Workshops San Francisco, CA Ft. Lauderdale, FL Morristown, NJ
March 2009	“New and Emerging Oral Options for the Prevention and Treatment of Venous Thromboembolism” Invited education, Arrowhead Society of Health-System Pharmacists Duluth, MN Invited education, South Dakota Society of Health-System Pharmacists, Sioux Falls, SD Invited education, Upper Midwest VHA Buying Group Meeting Edina, MN
March 2009	“Venous Thromboembolism Prevention and Treatment Update: the Science and the Regulatory Issues”

	Invited education, South Dakota Society of Health-System Pharmacists, Sioux Falls, SD
February 2009	<p>“The National Patient Safety Goals for Anticoagulation: Has Your Facility Met the Standard?” Invited National Teleconference, 751 attendees Pharmacy One Source</p>
December 2008	<p>“Confronting the Challenges of Anticoagulation Therapy: New and Emerging Research” Invited Symposium, American Society of Health-System Pharmacists Midyear Clinical Meeting Orlando, FL</p>
December 2008	<p>“Beyond the Basics: Managing Anticoagulation Therapy and Meeting the National Patient Safety Goal 3E” General education session, American Society of Health-System Pharmacists Midyear Clinical Meeting Orlando, FL</p>
December 2008	<p>“Back to the Basics: Managing Anticoagulation Therapy and Meeting the National Patient Safety Goal 3E” General education session, American Society of Health-System Pharmacists Midyear Clinical Meeting Orlando, FL</p>
December 2008	<p>“Managing Anticoagulation Therapy: an Advanced Workshop for Pharmacists” Pre-meeting workshop, American Society of Health-System Pharmacists Midyear Clinical Meeting Orlando, FL</p>
October 2008	<p>“Justification of an Inpatient Anticoagulation Program: a Case Based Approach” Invited education, American College of Clinical Pharmacy Annual Meeting Louisville, KY</p>
October 2008	<p>“Managing Patients with Acute Coronary Syndrome: Challenges for Managed Care” Invited Symposium, Academy of Managed Care Pharmacy Annual Meeting Kansas City, MO</p>
October 2008	<p>“National Patient Safety Goals for Anticoagulation, are You Ready?” Invited Education, Southeastern Conference of Anticoagulation Care Providers Annual Meeting Nashville, TN</p>
September 2008	<p>“National Patient Safety Goal 3E, Preventing Adverse Events from Anticoagulants” Invited Education, Health Connect Partners Fall Hospital Pharmacy Conference Orlando, FL</p>

September 2008	<p>“Applying Evidence-Based Guidelines for Anticoagulant Therapy in the Prevention and Treatment of Venous Thromboembolism” Invited Presentation, St. Louis Society of Health-System Pharmacists St. Louis, MO</p>
August 2008	<p>“National Patient Safety Goal 3E: Myths and Reality” Invited National Webinar, 600 attendees American Society of Health-System Pharmacists</p>
August 2008	<p>“Improving the Safety of Anticoagulation: NPSG 3E” Invited National Webinar Decision Health</p>
June 2008	<p>“Which: a Protocol, Guideline, or All of the Above?” “Strategies for Implementing an Inpatient Program to Meet the NPSG” American Society of Health-System Pharmacists Annual Meeting Seattle, WA</p>
May 2008	<p>“The Clinical Management of Anticoagulants in the Hospital” Lifepoint Hospitals Director’s Conference Nashville, TN</p>
April 2008	<p>“The Pharmacogenomics of Warfarin; Should We Genotype Everyone on Warfarin?” North Dakota Pharmacists Association Annual Meeting Bismarck, ND</p>
March 2008	<p>“A Coordinated Inpatient Anticoagulation Program; Part of the Heparin Solution?” Cardinal Invitation Conference to Improve Heparin Safety San Diego, CA</p>
March 2008	<p>“Preventing VTE and Improving the Safety of Anticoagulant Therapy” Invited National Webinar, 600 attendees Texas Medical Institute of Technology</p>
February 2008	<p>“Inpatient Anticoagulation Management Services and NPSG 3E” Invited National Teleconference, 679 attendees Hospital Corporation of America</p>
December 2007	<p>“Inpatient Anticoagulation Management Services and NPSG3E” Invited Medication Safety Leadership Symposium Presentation American Society of Health-System Pharmacists Midyear Clinical Meeting Las Vegas, NV</p>
December 2007	<p>“Inpatient warfarin: experience with pharmacist management at SMMC” Poster Presentation American Society of Health-System Pharmacists Midyear Clinical Meeting Las Vegas, NV</p>
December 2007	<p>“Improving the Continuity of Care for Orthopedic Anticoagulation Patients” Poster Presentation</p>

American Society of Health-System Pharmacists Midyear Clinical Meeting
Las Vegas, NV

October 2007 “The Pharmacogenomics of Warfarin; Should We Genotype Everyone on Warfarin?”
Regional Presentation for the SMDC Health System Presented

October 2007 “Systematic Risk Assessment and Prophylaxis of Venous Thromboembolism (VTE): How to Handle the Operational and Clinical Logistics”
Invited Presentation
New York State Council of Health-System Pharmacists
Long Island, NY

September 2007 “Meeting and Exceeding the Joint Commission National Patient Safety Goals for Anticoagulation”
Invited Presentation
Minnesota Society of Health-System Pharmacists Midyear Clinical Meeting
Brooklyn Center, MN

August 2007 “Warfarin Initiation: What We Know and What We Don’t” and “Inpatient Anticoagulation Management: Why and Where We Need to Go”
Invited Presentations
University of Illinois, Chicago Antithrombosis Group
Chicago, IL

March 2007 “Anticoagulation Update for Advance Practice Nurses”
Invited Presentation
3rd District Nurses Association Annual Meeting
Minneapolis, MN

December 2006 “Clinical and Economic Impact of an Order Form on the Utilization of Recombinant Factor VIIa”
Poster Presentation
American Society of Health-System Pharmacists Midyear Clinical Meeting
Anaheim, CA

December 2006 “From Implementation to Practice: Optimizing Inpatient Management of Anticoagulants”
American Society of Health-System Pharmacists Midyear Clinical Meeting
Anaheim, CA

August 2006 “VTE Treatment Update: Cancer, MATISSE, and Even the Pharmacist!”
Invited Clinical Presentation
Florida Society of Health-System Pharmacists Annual Meeting
Orlando, FL

April 2006 “Residency Symposium: Implications of the New ASHP Accreditation Standards on Minnesota Residency Programs”

- Invited Symposium Discussion
Minnesota Society of Health-System Pharmacists Annual Meeting,
Duluth, MN
- December 2005 “Comparing Anticoagulation Management Outcomes Between Usual
Care and a Pharmacist-Managed Anticoagulation Service in an
Orthopedic Surgical Population”
Poster Presentation
American Society of Health-System Pharmacists Midyear Clinical
Meeting
Las Vegas, NV
- December 2005 “How Can Pharmacist’s Improve the Safety of Warfarin in the Hospital?”
Management Case Study Platform Presentation
American Society of Health-System Pharmacists Midyear Clinical
Meeting
Las Vegas, NV
- October 2005 “The Role of the Pharmacist in Providing Transitional Care in the
Inpatient Setting”
Invited Clinical Presentation
American College of Clinical Pharmacy Annual Meeting
San Francisco, CA
- April 2005 “CHEST VTE Treatment Update: CHEST 2004 and MATISSE”
Invited Clinical Presentation
Central chapter of the Minnesota Society of Health-System Pharmacists,
Minneapolis, MN
Arrowhead chapter of the Minnesota Society of Health-System
Pharmacists
Duluth, MN
- April 2005 “How the Seventh ACCP Conference on Antithrombotic & Thrombolytic
Therapy will Impact the Practice of Pharmacy”
Invited Clinical Presentation
South Dakota Society of Health-System Pharmacists Annual Meeting,
Sioux Falls, SD
Minnesota Society of Health-System Pharmacists Annual Meeting,
Rochester, MN
- December 2004 “A Computer Program for a Pharmacy Managed Inpatient Warfarin
Dosing Service”
Poster Presentation
American Society of Health-System Pharmacists Midyear Clinical
Meeting
Orlando, FL
- November 2004 “Heparin Induced Thrombocytopenia; the Role of the Pharmacist”
Invited Clinical Presentation
Minnesota Society of Health-System Pharmacists local affiliate
Rochester, MN
- November 2004 “The Future of Anticoagulation Clinics”
Invited Presentation
Advances and Controversies in Venous Thromboembolism Conference
University of Minnesota School of Medicine

Minneapolis, MN

April 2004 "Will Ximelagatran Replace Warfarin?"
Invited Clinical Presentation
Minnesota Society of Health-System Pharmacists Annual Meeting
St. Cloud, MN

University Teaching Responsibilities

Oct 2010-Present Anticoagulation Rotation

- Elective student rotation for South Dakota State University and North Dakota State University
- Required rotation for Sanford pharmacy residents

May 2008 Pharmacy 6494: Directed Studies 1 credit

- Mentored a student through a major hospital care improvement project so she could graduate with honors

Feb 2004-May 2008 Pharmacy 7122/7126/7128:
St. Mary's Medical Center Acute Care Rotation

- Redesigned the St. Mary's acute care rotation and served as lead preceptor and organizer of all student activities

Feb 2004-May 2008 Pharmacy 7001/7001: Early Pharmacy Practice Experience I and II
St. Mary's Medical Center Acute Care Rotation

- Mentored new students (PD-1) and introduced them to hospital/clinical/academic pharmacy
- Taught on cell mediated and humoral immunology
- Developed and implemented active learning small group presentations on recombinant DNA derived drugs

Feb 2004-May 2008 Pharmacy 6121: Pharmacotherapy I (P2) 5 credits

- Taught an introductory sequence on pathophysiology of thrombosis and an introduction to antithrombotic medications as part of the hematology section
- Facilitated lectures/assignments/tests originating from Minneapolis

Feb 2004-May 2008 Pharmacy 6122: Pharmacotherapy II (P2) 5 credits

- Taught ACS sequence, VTE sequence, and on antithrombotics
- Facilitated lectures/assignments/tests originating from Minneapolis
- Course director in 2007 and 2008 (first Duluth based course director for a course taught jointly to Duluth and Minneapolis)

Feb 2004-May 2006 Pharmacy 6159: Pharmaceutical Immunology & Recombinant DNA Derived Drugs 3 credits

Dec 2001-Aug 2003 Fairview Southdale Acute Care Rotation

- Developed and precepted a new acute care rotation site for the University of Minnesota

Medication Use Evaluations

March 2013	Evaluation of Bivalirudin Use Sanford USD Medical Center, Sioux Falls, SD
April 2007	Evaluation of Heparin Use Saint Mary's Medical Center, Duluth, MN
September 2004	Evaluation of Enoxaparin Use Saint Mary's Medical Center, Duluth, MN
July 2003	Evaluation of Nesiritide for Decompensated Heart Failure Fairview Southdale Hospital, Edina, MN
December 2002	Evaluation of Drotrecogin Alpha (Activated) Prescribing Fairview Southdale Hospital, Edina, MN
January 2002	Appropriateness of Vancomycin Prescribing Fairview Southdale Hospital, Edina, MN
May 2001	Anticoagulation in Atrial Fibrillation Fairview Southdale Hospital, Edina, MN
December 1999	Low Molecular Weight Heparin United Hospital, St. Paul, MN

Grants Awarded

November 2005	\$140,000 from GlaxoSmithKline for a clinical trial called "Pilot Pharmacoeconomic Evaluation of Fondaparinux Treatment of Pulmonary Embolism (PE) Compared to Treatment with Unfractionated Heparin." <ul style="list-style-type: none"> Grant, although awarded, was never executed due to disagreements between the University of Minnesota and St. Mary's/Duluth Clinic Research
November 2004	\$15,000 from the Saint Mary's Medical Center foundation to continue a pharmacy practice residency program
November 2003	\$15,000 from the Saint Mary's/Duluth Clinic Health System foundation to start a pharmacy practice residency program
November 2003	\$15,000 from the Saint Mary's Medical Center foundation to start a pharmacy practice residency program

Book Authorships

March 2011	Dager WA, Gulseth MP, Nutescu EA. <i>Anticoagulation Therapy: a Point of Care Guide</i> . American Society of Health-System Pharmacists <ul style="list-style-type: none"> Editor and author
June 2007	Gulseth MP. <i>Managing Anticoagulation Patients in the Hospital; the Inpatient Anticoagulation Service</i> . American Society of Health-System Pharmacists <ul style="list-style-type: none"> Lead author and editor

Peer Reviewed Publications

- March 2017 Byron M, Hellwig T, Zochert S, Gavozdea-Barna M, Gulseth MP. Successful use of laboratory monitoring to facilitate an invasive procedure for a patient on dabigatran. *Am J Health-Syst Pharm.* 2016. In press.
- May 2016 Gulseth MP. Overview of direct oral anticoagulant therapy reversal. *Am J Health-Syst Pharm.* 2016; 73(10 Suppl 2): S5-S13.
- May 2016 Gulseth MP. Vitamin K antagonists, direct oral anticoagulants, and the rationale for reversal agents. *Am J Health-Syst Pharm.* 2016; 73(10 Suppl 2):S3-S4.
- July 2015 Barta AL, Nutescu EA, Thompson PA, Bussey HI, Gulseth MP. Time spent at extreme International Normalized Ratio values and time in therapeutic range: the relationship with major bleeding and thrombosis events. *Am J Health-Syst Pharm.* 2015; 72:1188-94
- November 2013 Smythe MA, Fanikos J, Gulseth MP, et al. Rivaroxaban: practical considerations for ensuring safety and efficacy. *Pharmacotherapy.* 2013; 33(11): 1223-1245.
- November 2013 Hellwig T, Gulseth MP. Pharmacokinetic and pharmacodynamic drug interactions with new oral anticoagulants: what do they mean for patients with atrial fibrillation? *Ann Pharmacother.* 2013; 47: 1478-1487.
- April 2013 Chen SY, Wu N, Gulseth MP, LaMori J, Bookhart BK, Boulanger L, Fields L, Schein J. One-year adherence to warfarin treatment for venous thromboembolism in high-risk patients and its association with long-term risk of recurrent events. *J Manag Care Pharm.* 2013; 19(4):291-301.
- January 2013 Hellwig TR, Gulseth MP. Emerging oral options for the prevention and treatment of venous thromboembolism. *Am J Health-Syst Pharm.* 2013; 70:113-125.
- March 2012 Hellwig TR, Peitz GJ, Gulseth MP. High-dose argatroban for treatment of heparin-induced thrombocytopenia with thrombosis: A case report and review of laboratory considerations. *Am J Health-Syst Pharm.* 2012; 69: 490-5.
- January 2012 Fowler S, Gulseth MP, Renier C, Tomsche J. Inpatient warfarin: experience with a pharmacist-led anticoagulation management service in a tertiary care medical center. *Am J Health-Syst Pharm.* 2012; 69: 44-8.
- December 2011 Gulseth MP, Wittkowsky AK, Fanikos J, Spinler SA, Dager WE, Nutescu EA. Use of dabigatran etexilate in clinical practice: confronting challenges to improve safety and effectiveness. *Pharmacotherapy.* 2011; 31(12): 1232-1249.
- November 2009 Dobesh PP, Wittkowsky AK, Stacy Z, Dager WE, Trujillo TC, Gulseth MP, et. al. Key articles and guidelines in the treatment of venous thromboembolism. *Pharmacotherapy*; 29(11): 1385 (full text published on-line).

- January 2009 Gulseth MP, Grice GR, Dager WE. Pharmacogenomics of warfarin: uncovering a piece of the warfarin mystery. *Am J Health-Syst Pharm.* 2009; 66: 123-33.
- July 2008 Gulseth MP, Michaud J, Nutescu EA. Rivaroxaban: an oral direct inhibitor of factor Xa. *Am J Health-Syst Pharm.* 2008; 65: 1520-9.
- June 2008 Gulseth MP. Applying quality measures and guidelines in the management of acute coronary syndrome and venous thromboembolism. *J Managed Care Pharm.* 2008; 4(6)(supplS-a): S2-S3.
- June 2007 Dager WE, Gulseth MP. Implementing pharmacist anticoagulation management in the inpatient setting. *Am J Health-Syst Pharm.* 2007; 64: 1071-1079.
- November 2005 Schneider BL, Gulseth MP, Cusick M. et. al. A computer program for a pharmacy managed inpatient warfarin dosing service. *Am J Health-Syst Pharm.* 2005; 62: 2393-6.
- July 2005 Gulseth MP. Ximelagatran: an orally active direct thrombin inhibitor. *Am J Health-Syst Pharm.* 2005; 62: 1451-67.
- June 2004 Gulseth MP, Meisel M, Meisel S. Multidisciplinary project to assure the safety of analgesia in a community hospital. *Am J Health-Syst Pharm.* 2004; 61: 1143-6.

Non-Peer Reviewed Publications

- February 2017 Gulseth MP (panel chair), et. al. ISMP Medication Safety Self-Assessment for Antithrombotic Therapy. Published on-line at: http://www.ismp.org/selfassessments/Antithrombotic/2017/2017_ISMP_Antithrombotic_Self_Assessment.pdf. Accessed February 17, 2017.
- December 2011 Weinmeister B, Hellwig T, Gulseth MP. Apixaban in VTE prevention in knee surgery compared to enoxaparin-conflicting results from two studies using two doses of enoxaparin. Published on-line at www.clotcare.com/apixaban_knee_surgery_vte_prevention.aspx. Accessed December 9, 2011.
- July 2011 Gulseth MP, Fowler S. Rivaroxaban vs a vitamin K antagonist non-inferior to standard treatment for acute deep vein thrombosis treatment and superior to placebo for extended secondary prophylaxis. Published on-line at www.clotcare.org/einstein_dvt_trial.aspx. July 13, 2011.
- October 2010 Wittkowsky AK, Spinler SA, Dager WE, Gulseth MP, Nutescu EA. Dosing guidelines, not protocols, for managing warfarin therapy. *Am J Health-Syst Pharm.* 2010; 67: 1554-6. Letter.
- May 2010 Society of Hospital Medicine's Co-Management Advisory Panel. "A Guide to Hospitalist/Orthopedic Surgery Co-Management." White Paper available at: http://www.hospitalmedicine.org/AM/Template.cfm?Section=White_Papers&Template=/CM/ContentDisplay.cfm&ContentID=25864
- Panel participant

January 2010 Hammerquiest RJ, Gulseth MP, Stewart DW. Effects of requiring a baseline International Normalized Ratio for inpatients treated with warfarin. *Am J Health-Syst Pharm.* 2010; 67: 17-18. Letter.

June 2010 Gulseth MP. Genetic testing for warfarin sensitivity. *ISMP Medication Safety Alert.* 2010; 15(12): 3. Letter.

March 2006 Gulseth MP, Stratton T, Brandenburg J, et al. Opportunities for partnership between colleges of pharmacy and small-to-medium-sized hospitals. *Am J Health-Syst Pharm.* 2006; 63: 581-3.

August 2003 "New Drugs of 2002"
Minnesota Physician
Minneapolis, MN

February 2000 "Calcitonin Nasal Spray for Painful Vertebral Fractures from Osteoporosis"
Drug Information Bulletin, Drug Information Service
United Hospital, St. Paul, MN

Publication Service

2015-present *American Journal of Cardiology*

- Manuscript peer review

2012-present *Thrombosis*

- Manuscript peer review

2004-present *American Journal of Health-System Pharmacy*

- Manuscript peer review
- Editorial Advisory Board Member 2008-2010

2007-present *Pharmacotherapy*

- Manuscript peer review

Professional Affiliations

2015-present North Dakota State University Pharmacy National Advisory Board

- Member

2008-present South Dakota Society of Health-System Pharmacists

- 2017 Annual Meeting planning committee member
- 2016 Annual Meeting planning committee member
- 2015 Annual Meeting planning committee member
- 2014 Annual Meeting planning committee member
- 2013 Annual Meeting planning committee member
- 2012 Annual Meeting planning committee member

2003-present American College of Clinical Pharmacy

- Public and Professional Relations Committee 2005-2006

1999-present American Society of Health-System Pharmacists

- 2017 FASHP Recognition Committee

- 2016 Midyear Clinical Meeting educational programming review board
- 2015 Midyear Clinical Meeting educational programming review board
- 2013 Midyear Clinical Meeting educational programming review board
- 2011 Midyear Clinical Meeting educational programming review board
- Voting delegate of the 2010 Pharmacy Practice Model Initiative Summit
- *AJHP* Editorial Advisory Board Member 2008-2011
- Cardiology Network Facilitator 2005-6
- Council on Education and Workforce Development Member 2005-2008
- Represented ASHP on a Society of Hospital Medicine panel working on comanagement issues 2009

1999-present

Minnesota Society of Health-System Pharmacists

- Past-President 2009-2010
- President 2008-2009
- President-Elect 2007-2008
- President Arrowhead affiliate 2006-2007
- President-Elect Arrowhead affiliate 2005-2006
- Education Council Chair 2004-2005
- Secretary, Board Member 2002-2004
- Member of the Annual Meeting Committee 2003, 2006
- Member of Council of Legal and Public Affairs 1999-2002

1995-1999

Academy of Students of Pharmacy, NDSU Chapter

1995-2000

1997-1999

Rho Chi Pharmacy Honor Society

- Secretary 1997-98

Community Service

Present-2016

Cub Scout Pack 711 Committee Chair

Present-2015

Boy Scout Troop 48 Committee Member

Present-2008

Lector and Usher for Holy Spirit Catholic Church

August 2010

American Heart Association Heart Walk

2015-2010

Cub Scout den volunteer and Pack 731 Treasurer

August 2009

American Heart Association Heart Walk

October 2007

American Heart Association Heart Walk

October 2005

American Heart Association Heart Walk

October 2004

American Heart Association Heart Walk

2008-2004

Lector for St. Lawrence Catholic Church

December 2001

Confirmation Instructor for St. Joseph's Catholic Church

December 2000

Christmas Shopping for Underprivileged Children

December 1998

Boy's Ranch Thrift Store Volunteer

December 1997-98

Salvation Army Bell Ringer

Spring 1997

Sandbag Filler, Fargo Flood

December 1995

Holiday Clearing Bureau Volunteer, Present Wrapper

Awards/Honors

- 2015 Sanford USD Medical Center Hero award

- 2011 Fellow of the American Society of Health-System Pharmacists
- 2008 Sanford USD Medical Center Hero award
- 2007 Professor of the Semester for the University of Minnesota College of Pharmacy, Minneapolis
- 2007 Teacher of the Semester for the University of Minnesota College of Pharmacy, Duluth
- 2006 Teacher of the Year for the University of Minnesota College of Pharmacy, Duluth
- American Association of College's of Pharmacy Innovation in Teaching Award (2005)
- University of Minnesota College of Pharmacy Outstanding Preceptor Recognition (2003)
- Fairview Exceptional Contribution Award (2003)

Personal Interests

- Football, baseball, basketball, and other sports
- Billiards, fishing, hiking, and other leisure activities
- Travel