

# Curriculum Vitae

**Martina Ingeborg Reinhold**  
**Assistant Professor**  
**Physician Assistant Studies**  
**Grand Valley State University**

## Contact Information

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## Education

1997	Ph.D.	Immunology	Washington University, St. Louis, MO
1991	BS	Biology	University of Michigan, Ann Arbor, MI

## Post Graduate Education and Training

1997-1999	Microbiology	Washington University, St. Louis, MO Howard Hughes Fellow
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## Academic Appointments

01/2013 – present	Faculty	Michigan State University, Grand Rapids, MI College of Medicine
08/2011 – present	Assistant Professor	Grand Valley State University, Grand Rapids, MI Physician Assistant Department
01/2012 – 8/2014	Director	Grand Valley State University, Grand Rapids, MI <b>Details:</b> <i>Director of Clinical Research Trials Management (CRTM) Graduate Certificate</i>
05/2009-08/2010	Director	University of Texas Health Science Center San Antonio Department of Pathology, San Antonio <b>Details:</b> <i>Director, Flow Cytometry Laboratory</i>
03/2007-08/2010	Assistant Professor	University of Texas Health Science Center San Antonio Department of Pathology, San Antonio
09/1999-02/2007	Instructor	University of Texas Health Science Center San Antonio Department of Pathology, San Antonio

## Non-Academic Appointments

01/1991-06/1992	Research Assistant	University of Michigan, Ann Arbor Michigan, MI
08/1987-12/1988	Research Technician	University of Michigan, Ann Arbor Michigan, MI

## Honors and Awards

05/1990	Phi Beta Kappa: Phi Beta Kappa at University of Michigan
12/2012	Keynote Speaker, White Coat Ceremony for Physician Assistant Program
12/2013	Faculty representative for Graduate Education at Commencement ceremony
12/2014	Graduate Student Association Award for Outstanding Faculty, Faculty Mentor Award; Grand Valley State University

## Teaching

### Courses Taught

Graduate Courses (GVSU)
Foundations of Clinical Medicine (PAS 511)
Clinical Problem Solving Sessions (PAS 542, 543, 544)
Intro to Health Professions Research (PAS 506)
Research in Health Professions (PAS 605)
Evidence Based Medicine (PAS 580, 582, 583, 584)
Hospital Community Experience Lab (PAS 572, 573,574)
Clinical Research Trials Practicum (AHS 692)
Graduate Courses (Michigan State University)
PBL (Infectious Disease and Immunology; Digestive; HM 511)
Health Policy/Integrative (HM 547)
Course Coordinator
Clinical Medicine III (PAS 514); ER and Surgery Module
Clinical Pathophysiology (PAS 523)
Graduate Courses (University of Texas, SA)
Pharmacy 253- Immunology Module
PATH2005 (MSII Medical Pathology)- Immunology Module

### New Course Development

Hospital Community Experience Lab (PAS 572, 573,574)	2011
AHS 692 Clinical Research Trials Practicum	2012
Evidence Based Medicine I-III (PAS 582, 583, 584)	2014

### Program Development

Clinical Research Trial Management (CRTM) graduate certificate	2012
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### Other Teaching

High School /Junior High School Student Supervision	2005-2008
Pre-Doctoral Student Supervision	2004-2010
Post-Doctoral Student Supervision	2005-2010
Flow Cytometry Rotation Supervised (Mentor)	2009-2010

## Service Activities

### Unit Service

Physician Assistant Studies Director of Program Analysis	2014-present
Physician Assistant Studies Program Analysis Committee	2011-present
Physician Assistant Studies Research Committee, Chair	2013-2015
Physician Assistant Studies Research Committee	2011-2015
PAS Student Progress & Promotion Committee, Chair	2011-2013
Physician Assistant Studies Expansion to Traverse City Committee	2011-present
Physician Assistant Studies Admissions Committee	2011-present
Physician Assistant Studies Curriculum Committee	2011-2016
Physician Assistant Studies Handbook Committee	2012-2014
Student Success Committee	2013-present
Physician Assistant Studies Director Search Committee	2011
Physician Assistant Studies Faculty Search Committees (4)	2011-2013
Physician Assistant Studies COT Search Committee (2)	2013/2015

Physician Assistant Studies Medical Director Search Committee	2014-2015
Physician Assistant Studies Faculty Advisor for Students	2011-present
<b>College Service</b>	
Associate Dean for Research Search Committee, Chair	2012-2013
CHP Research Committee, Chair	2013-present
Physician Assistant Studies/AHS Faculty Search Committees (2)	2012-present
CHP Sustainability Committee	2012-present
<b>University Service</b>	
Graduate Program Director Committee	2013-2014
University Libraries & Health Professions North Building Planning Committee	2012-2015
General Education Committee	2013-2015
IPE Scholarship Workgroup, Co-Leader	2013-present
Responsible Conduct for Research Advisory Board	2015-present
Undergraduate Research Council	2015-present
<b>Community Service</b>	
EGR High School Academic Booster	2010-present
EGR High School Manager Volunteering	2012-present
Making Strides Against Breast Cancer of Grand Rapids, Committee	2014-2015
Association for Women in Science (AWIS), West MI chapter Committee and College of Health Profession representative	2016-present
<b>Administrative Responsibilities</b>	
Supervision of staff and personnel at University of Texas, Health Science Center San Antonio, TX	2000-2010
<b>Professional Affiliations</b>	
Physician Assistant Education Association (PAEA)	2011-present
American Society for Clinical Pathology (ASCP)	2010-2011
Clinical Cytometry Society (CCS)	2009-2011

## Professional Development

2016	Lilly Conference Series on College and University Teaching and Learning, Traverse City (October 2016)
2016	Midwest Interprofessional Practice, Education, and Research Center (MIPERC) Conference (September 2016)
2016	NCURA Fundamentals of Sponsored Project Administration Workshop, Grand Rapids (May 2016)
2016	GRMEP Research Society Meeting (April 2016; Grand Rapids)
2015	PAEA Education Forum, Arlington, VA (November 2015)
2015	Lilly Conference Series on College and University Teaching and Learning, Traverse City (October 2015)
2015	West Michigan Interprofessional Education Conference, Grand Rapids (September 17-18 2015)
2015	Book Discussion Teaching Circle - 'The Skillful Teacher: On Techniques, Trust and Responsiveness in the Classroom', GVSU (September-December 2015)
2015	5th European Conference on Interprofessional Practice and Education, Nijmegen (Netherlands) (August 2015)
2015	Teaching and Leading EBM: A workshop for Educators and Champions of Evidence-Based Medicine (April 2015)
2014	Integrating Contemplative Practices into Teaching and Learning, Retreat (June 2014)
2014	GRMEP Research Society Meeting (April 2014; Grand Rapids)
2014	West Michigan Interprofessional Education Conference, Grand Rapids (September 18-19 2014)

- 2014 Lilly Conference Series on College and University Teaching and Learning, Traverse City (October 2014)
- 2013 West Michigan Interprofessional Education Conference, Grand Rapids (September 19-20 2013)
- 2013 Fall Conference on Teaching and Learning (FTLC) Grand Rapids (August 2013)
- 2013 Lilly Conference Series on College and University Teaching and Learning, Traverse City (October 2013)
- 2013 The Teaching Portfolio Workshop (June 2013; GVSU)
- 2013 How to Find and Win Federal Grants Workshop (May 2013; GVSU)
- 2013 GRMEP Research Society Meeting (April 2013; Grand Rapids)
- 2013 Teaching and Learning with Technology Symposium (March, 2013; GVSU)
- 2012 West Michigan Interprofessional Education Conference, Grand Rapids (September 27-28 2012)
- 2012 Fall Conference on Teaching and Learning (FTLC) Grand Rapids (August 2012)
- 2012 The Teaching Portfolio Workshop (June 2012; GVSU)
- 2012 The Teaching Professor Conference Workshops (June 2012, Washington DC)
- 2012 Teaching and Learning with Technology Symposium (March, 2012; GVSU)
- 2012 West Michigan Interprofessional Education Conference, Grand Rapids (January, 5-6 2012)
- 2012 GRMEP Research Society Meeting (April 2012; Grand Rapids)
- 2009 College of American Pathologists (CAP) lab inspector training
- 2009 College of American Pathologists (CAP) laboratory team inspection member, Omaha Nebraska
- 2009 BD FACSCanto II Operator Course, with sample preparation and tube loader; BD Biosciences - Billerica, MA
- 2009 Clinical Flow Cytometry Course, Jacksonville, FL
- 2009 Multicolor Flow Cytometry Workshop, BD Biosciences - Billerica, MA

## Scholarly Activity

### Presentations

- 2016 Assessment of an evidence-based medicine course series in the Physician Assistant curriculum: teaching key principles **Reinhold MI.** and Bacon-Baguley T. Lilly Conference Series on College and University Teaching and Learning, Traverse City, October, 20-22 2016. Oral Presentation. Peer Reviewed.
- 2016 Change in Physician Assistant Students Perception of other Health Care Professions after IPE Experiences. **Reinhold MI.** and Bacon-Baguley T. Midwest Interprofessional Practice, Education, and Research Center (MIPERC) Conference, Grand Rapids, September 22 and 23, 2016. Peer Reviewed.
- 2016 Implementation of a Distant Learning Physician Assistant Program in Northern Michigan to Address Health Care Provider Shortage: Importance of Evaluation. Bacon-Baguley T and **Reinhold MI.** 18<sup>th</sup> International Conference on Higher Education, London (England), May 23-24 2016. Oral Presentation. Peer Reviewed.
- 2016 Sustainability of Improved Perceptions of Health Care Professions by Physician Assistant Students one year after Interprofessional Experiences. **Reinhold MI.** and Bacon-Baguley T. GRMEP Research Day, Grand Rapids, April 27, 2016. Oral Presentation. Peer Reviewed.
- 2015 Change in Physician Assistant Students Perception of Health Care Providers. Bacon-Baguley T and **Reinhold MI.** PAEA Education Forum, Arlington, VA, November 11-15 2015. Oral Presentation. Peer Reviewed.
- 2015 Expansion of a Physician Assistant Program to Address the Health Care needs of the Medically Underserved in Northern Michigan. Bacon-Baguley T, **Reinhold MI.**, Booth A. Global Health Showcase, Grand Rapids, October 16 2015. Poster Presentation.
- 2015 Integrating an evidence-based medicine curriculum into Physician Assistant education: teaching for today and the future! **Reinhold MI.** and Bacon-Baguley T. Lilly Conference Series on College and University Teaching and Learning, Traverse City, October, 15-17 2015. Oral Presentation. Peer Reviewed.

- 2015 Perceptions of the Affordable Care Act by Nurse Practitioners and Physician Assistants. **Reinhold MI.** and Bacon-Baguley T. West Michigan Interprofessional Education Conference, Grand Rapids, September 17 and 18, 2015. Peer Reviewed.
- 2015 Change in perception of Physician Assistant Students after Completion of Experiences Aimed at Providing Exposure to a Variety of Health Care Providers. Bacon-Baguley T and **Reinhold MI.** 5th European Conference on Interprofessional Practice and Education, Nijmegen (Netherlands), August 26-28 2015. Poster Presentation. Peer Reviewed.
- 2015 The importance of piloting an ITV program prior to implementation. **Reinhold MI.** and Bacon-Baguley T. GVSU Technology Symposium, Grand Rapids, March 11, 2015. Oral Presentation.
- 2015 A Retrospective Study of the Appropriateness of Send-Out Genetic Testing at Spectrum Health. Mallory Martens, Megan Collison, Jeffrey Bissonnette and **Reinhold MI.** Spectrum Advanced Technology Laboratory Conference, Grand Rapids, 2015. Oral Presentation.
- 2015 The impact of focused enrollment events on access to health care under the Affordable Care Act. Hannah Benda, Molly Flack, Christine Milliken, Sarah Golub and **Reinhold MI.** GR Enroll West Michigan, Grand Rapids, 2015. Oral Presentation.
- 2014 Developing successful Faculty Teaching/Learning Circles that engage faculty from diverse disciplines! **Reinhold MI.**, Lilly Conference Series on College and University Teaching and Learning, Traverse City, October, 16-19 2014. Oral Presentation. Peer Reviewed.
- 2014 Changes in Perception of Physician Assistant Students After Completion of Experiences Aimed at Providing Exposure to a Variety of Health Care Providers Bacon-Baguley T and **Reinhold MI.** West Michigan Interprofessional Education Conference, Grand Rapids, September 19, 2014. Oral Presentation. Peer Reviewed.
- 2014 The *Research Circle*- a place for interdisciplinary learning, sharing and networking. **Reinhold MI.** West Michigan Interprofessional Education Conference, Grand Rapids, September 19, 2014. Oral Presentation. Peer Reviewed.
- 2014 Evaluation of The Integration Of Interprofessional Education In The Curriculum Of Physician Assistant Programs. Kate Long, Sandy Allen, Megan Gallup and **Reinhold MI.** West Michigan Interprofessional Education Conference, Grand Rapids, September 19, 2014. Oral Presentation. Peer Reviewed.
- 2014 WMIPeI Scholarship Champion Workgroup-Video: Synergy in IPE- Building Bridges Between Health Professions. Smith R, Muma K., VanderLaan K. and **Reinhold MI.** West Michigan Interprofessional Education Conference, Grand Rapids, September 19, 2014.
- 2014 Increase Student participation and learning with the use of response technology (clickers). **Reinhold MI.** GVSU Technology Symposium, Grand Rapids, March 19, 2014. Oral Presentation.
- 2014 Interventional Cardiologists Motivations In Cardiac Catheterization Via The Femoral Versus Radial Approach. Ronna Zeluff, Bridgette Townshend, Sara Yarger, Lauren Buckingham, David Gunkle, David Wohns and **Reinhold MI.** GRMEP Research Day, Grand Rapids, April 24, 2014. Peer Reviewed.
- 2014 Utilization Of The Procalcitonin (PCT) Test In Clinical Diagnosis And Treatment: Analysis Of The Use Of The PCT Test By Physician Assistants. Nicole DeHaan, Emily Konal, Jessy Larsen, Shushma Yarlagaadda and **Reinhold MI.** GRMEP Research Day, Grand Rapids, April 24, 2014. Peer Reviewed.
- 2014 Neuroprotective Effect of an  $\alpha 7$  Nicotinic Acetylcholine Receptor Agonist and a Positive Allosteric Modulator in an *in vitro* Model of Glaucoma. Leah Lyons, David Linn and **Reinhold MI.** GRMEP Research Day, Grand Rapids, April 24, 2014. Peer Reviewed
- 2014 Neuroprotective Effect of an  $\alpha 7$  Nicotinic Acetylcholine Receptor Agonist and a Positive Allosteric Modulator in an *in vitro* Model of Glaucoma. Leah Lyons, David Linn and **Reinhold MI.** University of Toledo Midwest Graduate Student Research Symposium, Toledo, February 27, 2014. Peer Reviewed.
- 2013 *Use of Response Technology (Clickers) to increase student participation and learning.* **Reinhold MI.**, Lilly Conference Series on College and University Teaching and Learning, Traverse City, October, 17-20 2013. Oral Presentation. Peer Reviewed.
- 2013 *Implementation of Formative and Summative Evaluation of Hospital and Community Experiences Aimed to Facilitate Interprofessional Practice.* Bacon-Baguley T and **Reinhold MI.** West Michigan Interprofessional Education Conference, Grand Rapids, September 20, 2013. Oral Presentation. Peer Reviewed.

- 2013 *The Use and Perceived Efficacy of Complementary and Alternative Medicine by Multiple Sclerosis Patients in Michigan.* D. Bololven, M. Fischer, A. Fiorillo and **Reinhold MI.** GRMEP Research Day, Grand Rapids, April 25, 2013.
- 2013 *Influencers of Motivation-Predictor of Adherence to Recommended Treatment Plans.* J. Penhorwood, R. Reynolds, L. Zwart, S. Brooks, D. Sage, G. Shoultz and **Reinhold MI.** GRMEP Research Day, Grand Rapids, April 25, 2013. Peer Reviewed.
- 2013 *Comparison of Alcohol Education and Awareness Amongst Graduate Students in the Health Professions vs Graduate Students in Non-Health related Programs at GVSU.* L. Stover, C. DeLano, D. Sjoquist and **Reinhold MI.** GRMEP Research Day, Grand Rapids, April 25, 2013. Peer Reviewed.
- 2013 *Effects of Educational Video on Patient Understanding and Adherence with Controlled Substance Contracts.* C. Bice, H. Crites, J. Elder and **Reinhold MI.** GRMEP Research Day, Grand Rapids, April 25, 2013. Peer Reviewed.
- 2013 *Use of Response Technology (Clickers) to engage students and enhance learning.* **Reinhold MI.** GVSU Technology Symposium, Grand Rapids, March 20, 2013. Oral Presentation.
- 2012 *Defining Traits of Physician Assistant Malpractice: Evidence from the National Practitioner Bank.* Sydloski E, Nelson G, Nylaan A, and **Reinhold MI.** GRMEP Research Day, Grand Rapids, April 25, 2012. Peer Reviewed
- 2012 *Sleeping at Night Offers Opportunity for Zest and Energy (SNOOZE).* Brower M, Lent B, Kuipers S, and **Reinhold MI.** GRMEP Research Day, Grand Rapids, April 25, 2012. Peer Reviewed.
- 2012 *Exposure of GVSU PA Students to Different Health Professions During the Didactic Phase Increases the Awareness of Students to Interprofessional Collaborations.* **Reinhold MI,** Sevensma K and Booth A. West Michigan Interprofessional Education Conference, Grand Rapids, September 27 2012. Oral Presentation. Peer Reviewed
- 2009 *PTEN and Osteoblastogenesis.* Guntur A, **Reinhold MI,** Naski MC. 2009. (J Bone Miner Res; vol. 24, no. Sup 1). Peer Reviewed.
- 2008 *The Wnt target gene Twist1 inhibits Sox9 the master regulator of chondrogenesis.* Gu S, **Reinhold MI,** Naski MC. 2008. p. S74. (Journal of Bone and Mineral Research; vol. 23). Peer Reviewed.
- 2006 *Runx2 couples with the Wnt Signaling Pathway to Induce FGF18 Expression in Osteoblasts.* **Reinhold MI,** Naski MC. 2006. (Journal of Bone and Mineral Research; vol. 21, no. SA197). Peer Reviewed.
- 2005 *Canonical Wnt Signaling and Twist1 Repress Chondrogenesis and Chondrocyte Gene Expression.* **Reinhold MI,** Kapadia RM, Liao Z, Naski MC. 2005 Jan. (Journal of Bone and Mineral Research; vol. 20, no. S236). Peer Reviewed.
- 2002 *Transcriptional Regulation of Cartilage Gene Expression by SRF.* **Reinhold MI,** Naski MC. 2002. (Journal of Bone and Mineral Research; vol. 17, no. S190). Peer Reviewed.
- 2001 *Calcium Signaling Pathways in Cartilage.* Tomita M, **Reinhold MI,** Molkentin JD, Naski MC. 2001. (Molecular Biology of the Cell; vol. 12s, no. 238a). Peer Reviewed.
- 2000 *Transcriptional Regulation of FGF Receptor 3 Gene.* **Reinhold MI,** McEwen D, Ornitz D, Naski MC. 2000. (Journal of Bone and Mineral Research; vol. 15, no. S244). Peer Reviewed.
- 1995 *Costimulation of T Lymphocyte IL-2 Production and Proliferation with Integrin-associated (IAP).* **Reinhold MI,** Lindberg FP, Brown EJ. 1995. (ASCB Abstracts). Peer Reviewed.
- 1994 *Tissue-specific Expression of Alternatively Spliced Forms of the Integrin-associated Protein.* **Reinhold MI,** Lindberg FP, Plas D, Reynolds S, Peters MG, Brown. 1994. (ASCB Abstracts). Peer Reviewed.

#### Articles

- 2014 Hannah Benda, Molly Flack, Christine Milliken, Sarah Golub and **Reinhold MI.** *A Guiding Light for the Insurance Marketplace.* PA Professional – First Rounds (AAPA.org) December 2014 p42-43.

#### Journal Articles

- 2015 **Reinhold MI,** Sango O, and Bacon-Baguley T. *Integrating Interprofessional Experience Throughout the First-Year Physician Assistant Curriculum Improves Perception of Health Care Providers.* Accepted at JIEP December 2016. **Peer Reviewed**

- 2014 **Reinhold MI**, Sango O. *The Research Circle- a place for interdisciplinary learning, sharing and networking to develop facilitators of Evidence-based Practice. The Internet Journal of Allied Health Sciences and Practice. 2014. Vol.13 No. 1 **Peer Reviewed***
- 2014 Liu Z, Li T, **Reinhold MI**, Naski MC. *MEK1-RSK2 contributes to hedgehog signaling by stabilizing GLI2 transcription factor and inhibiting ubiquitination. Oncogene 2014 Jan2: 33(1): 65-73. **Peer Reviewed***
- 2011 Gunter, AR, **Reinhold MI**, Cuellar, J, Naski MC. Conditional ablation of *Pten* in osteoprogenitors stimulates FGF signaling. Development 2011; 138:1433-1444. **Peer Reviewed**
- 2006 Kapadia RM, Guntur AR, **Reinhold MI**, Naski MC. *The Wnt-inducible transcription factor Twist1 inhibits chondrogenesis. J Biol Chem 2006;281(3):1381-1388. **Peer Reviewed***
- 2005 Kapadia RM, Guntur AR, **Reinhold MI**, Naski MC. *Glycogen synthase kinase 3 controls endochondral bone development: contribution of fibroblast growth factor. Dev Bio 2005;285(2):496-507. **Peer Reviewed***
- 2004 **Reinhold MI**, Abe M, Kapadia RM, Liao Z, Naski MC. *FGF18 represses noggin expression and is induced by calcineurin J Biol Chem 2004 Sep;279(37):38209-38219. **Peer Reviewed***
- 2004 **Reinhold MI**, McEwen DG, Naski MC. Fibroblast growth factor receptor 3 gene: regulation by serum response factor Mol Endocrinol 2004;18(1):241-251. **Peer Reviewed**
- 2002 Tomita M, **Reinhold MI**, Molkentin JD, Naski MC. *Calcineurin and NFAT4 induce chondrogenesis. J Biol Chem 2002 Nov;27(44):42214-42218. **Peer Reviewed***
- 2001 Rebres RA, Green JM, **Reinhold MI**, Ticchioni M, Brown EJ. *Membrane raft association of CD47 is necessary for actin polymerization and protein kinase C theta translocation in its synergistic activation of T cells. J Biol Chem 2001 Mar;276(10):7672-7680. **Peer Reviewed***
- 1999 **Reinhold MI**, Green JM, Lindberg FP, Ticchioni M, Brown EJ. *Cell spreading distinguishes the mechanism of augmentation of T cell activation by integrin-associated protein/CD47 and CD28. Int Immunol 1999 May;11(5):707-718. **Peer Reviewed***
- 1997 **Reinhold MI**, Lindberg FP, Kersh GJ, Allen PM, Brown EJ. *Costimulation of T cell activation by integrin-associated protein (CD47) is an adhesion-dependent, CD28-independent signaling pathway. J Exp Med 1997 Jan;185(1):1-11. **Peer Reviewed***
- 1996 Lindberg FP, Gresham HD, **Reinhold MI**, Brown EJ. *Integrin-associated protein immunoglobulin domain is necessary for efficient vitronectin bead binding. J Cell Biol 1996 Sep;134(5):1313-1322. **Peer Reviewed***
- 1995 **Reinhold MI**, Lindberg FP, Plas D, Reynolds S, Peters MG, Brown EJ. *In vivo expression of alternatively spliced forms of integrin-associated protein (CD47). J Cell Sci 1995 Nov;108 (:3419-3425. **Peer Reviewed***

#### Grants & Proposal Development

- 2016 GVSU Pew Faculty Teaching and Learning Center- Teaching Innovation Grant 'Rural Education and Access to Community Health (REACH): Implementation of Telehealth in Physician Assistant Education' March 2016 Funded: \$9000
- 2016 Center for Scholarly and Creative Excellence- Collaborative Research and Creative Activity Initiative Application; 'Rural Education and Access to Community Health (REACH): Implementation of Telehealth in Physician Assistant Education' March 2016 Not Funded.
- 2016 Pew FTLC Sponsored Teaching and Learning Event Grant  
Grant to attend Lilly Teaching conference. Funded: \$ 550
- 2015 Center for Scholarly and Creative Excellence Travel Dissemination Grant  
Travel Grant to PAEA Education Forum, Arlington, VA, November 2015. Funded: \$250
- 2015 Center for Scholarly and Creative Excellence Travel Dissemination Grant  
Travel Grant to attend 5th European Conference on Interprofessional Practice and Education, Nijmegen (Netherlands) August 2015 Funded: \$750
- 2015 GVSU Pew Faculty Teaching and Learning Center  
Intensive Workshop Grant to attend EBM workshop at Duke. April 2015 Funded: \$1250
- 2015 GVSU Pew Technology Enhancement Grant  
"Technology Advancement to Allow for Development of Students Clinical Skills at the Distant Campus in Traverse City Michigan" Not Funded
- 2014 GVSU Pew Faculty Teaching and Learning Center  
Travel Grant to attend Lilly Teaching Conference. Funded: \$600

- 2013 GVSU Pew Technology Enhancement Grant  
*"Increase in student participation and learning through the incorporation of Response Technology (Clickers) into the classroom"* Funded: \$3000
- 2013 GVSU Pew Scholar Teacher Grant. Funded: \$7500  
 'Research Circle';
- 2013 GVSU Pew Faculty Teaching and Learning Center  
 Travel Grant to attend Lilly Teaching Conference. Funded: \$600
- 2012 GVSU Pew Faculty Teaching and Learning Center  
 Travel Grant to attend Teaching Professor Conference. Funded: \$500
- 2012 GVSU Pew Technology Enhancement Grant  
*"Distant Learning Expansion: Linkage of a distance learning site, and classroom enhancement through the use of iPADS"* Funded: \$3000
- 2012 Sustainability Reinvestment Fund Grant, GVSU  
*"Establishing a Media Swap Room in CHS"* Funded: \$80