

Curriculum Vitae

Theresa Ann Bacon-Baguley, PhD, RN
Professor, Physician Assistant Studies
Associate Dean for Research
Grand Valley State University

Contact Information:

Work Address: Physician Assistant Studies
School of Health Professions
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Education:

Ph.D.	1983-1988	Wayne State University School of Medicine Detroit, Michigan Major: Physiology Minor: Pharmacology
B.S.N.	1981-1983	Michigan State University East Lansing, Michigan
A.D.N.	1976-1977	Ferris State University Big Rapids, Michigan RN: Licensed in Michigan, 1977-current
L.P.N.	1975-1976	Ferris State University Big Rapids, Michigan

Post Graduate Education and Training:

Post-Doctoral	1988	University of Michigan Medical Center
Fellowship	1991	Department of Pathology Ann Arbor, Michigan Dr. V. Dixit MD/Dr. Peter Ward MD, Chair

Licensure:

Michigan: Registered Nurse (1977-current)
Permanent ID: #4704120377
Expiration: 03/31/2019

Work Experiences:

2013-Current	Associate Dean for Research College of Health Professions, Grand Valley State University
2009-Current	Professor Physician Assistant Studies

2000-Current	College of Health Professions, Grand Valley State University Associate Professor Physician Assistant Studies College of Health Professions (School of Health Professions) Grand Valley State University
1997-2000	Associate Professor Biomedical/Health Sciences (Formerly School of Health Sciences) Grand Valley State University
1991-1996	Assistant Professor School of Health Sciences, Grand Valley State University
1988-1991	Post-Doctoral Research Fellows Department of Pathology, University of Michigan
1985-1986	Assistant Professor Department of Nursing, Mercy College of Detroit
1985-1986	Lecturer Post-Baccalaureate Program, Wayne State University, School of Medicine
1984-1987	Lecturer Respiratory Physiology, Wayne State University, School of Medicine
1983-1984	Emergency Room: RN, CEN , Henry Ford Hospital
1981-1983	Emergency Room: RN, CEN , E.W. Sparrow Hospital, Lansing, Michigan
1980-1981	Emergency Room Nurse, RN, CEN , St. Mary's Hospital, Grand Rapids, Michigan
1977-1981	Assistant Head Nurse, RN, CEN , Emergency Room, Metropolitan Hospital, Grand Rapids, MI

Teaching

Courses Taught

Undergraduate courses

Physical Assessment: nursing
Adult Nursing: clinical supervision
Human Physiology
Human Physiology Laboratory
Basic Pathophysiology

Graduate courses

Evidence Based Medicine
Medical Physiology
Foundations of oncology
Foundations of immunology
Foundations of inflammation
Foundations of genetics
Advanced Physiology
Neuropathology
Pathologic Physiology
Clinical Pathophysiology (PAS)
Physiology of Pain
Cardiovascular Physiology
Advanced Pathophysiology I (Nurse Practitioner Majors)
Advanced Pathophysiology II (Nurse Practitioner Majors)
Introduction to Research in Health Professions
Hematology Module
Fluids, Electrolytes, & Acid Base
Emergency Medicine (PAS)
Mentor for Students taking HS 399 (Readings), HS 499 (Research), graduate student readings, graduate student projects, and graduate student thesis.

New Course Development

Evidence Based Medicine (PAS 582, 583, 584)
Clinical Pathophysiology (PAS 510)
Neuropathology (BMS 528)

Advanced Pathophysiology I (NUR 622)
 Advanced Pathophysiology II (NUR 623)
 Medical Physiology (Course accepted at DCC but overall PAS curriculum changes not accepted)
 Medical Physiology (PAS 521)
 Pathophysiology I (PAS 522)
 Pathophysiology II (PAS 523)
 Pathophysiology III (PAS 524)
 Foundations of Clinical Medicine (PAS 511) (committee involvement)
 PAS curriculum revision 2008 coordination of modular approach: pathophysiology, clinical medicine,
 Clinical therapeutics and clinical applications)

Service Activities

Unit Service

Physician Assistant Studies Faculty Search Committee-chair	2012-Current
Physician Assistant Studies Expansion to Traverse City Committee	2011-Current
Physician Assistant Studies Faculty Director Search	2011-12
Physician Assistant Studies Faculty Search Committee	2010-11
Physician Assistant Studies Faculty Advisor for Graduation	2008-Current
Physician Assistant Studies Team Building Activity Coordinator Class of 2010, 2011 Orientation	2008-2010
Physician Assistant Studies Journal Club Co-coordinator	2007-2008
Physician Assistant Studies Curriculum Committee Chair (2006-2008)	2005-2009
Physician Assistant Studies PERC Committee	2005-present
Physician Assistant Studies Self Study Committee	2004-present
Academic Affairs Committee: Research Task Force	2002-2003
Problem Based Learning Committee	2001
PAS Student Progress & Promotion Committee, chair	2001-2005
Faculty Search Committee/Interviewer for PAS	2001
Personnel committee member for Faculty Theresa Beck, Cynthia Grapczynski, Wallace Boeve	2000
Kingston Heath Team Visit-PAS representative	2000
PAS Admissions Committee	2000-present
PAS Accreditation Committee	1999-2004
Physician Assistant Studies Student Advisory Committee	1996-2001
Reorganization of the SHS Task Force	1996-1998
Search committee member for clinical coordinator of the Physician Assistant Studies program	1995-1996
Administrative Representative for the School of Health Sciences	1995-1996
School of Health Sciences Task Force for the Development of the Capstone Course	1992-1994
Program Development Committee (Cardiovascular Technology):	1992-1994
Chair of Graduate Committee:	1992-2000
SHS Laboratory Committee:	1991-1995
SHS Graduate Committee:	1991-1992
SHS Faculty Recruitment Committee:	1991, 1993

College Service

CHP Governance Committee-Chair	2012-present
Search Committee for RIS	2012-present
CHP Faculty Council	2010-present
CHP Committee on the Development of an EdD, chair('08-'10)	2008-2011
CHP Enrichment Dinner video: assistance in production	2008
CHP Curriculum Committee	2007-2010
College Research Task Force	2006-2008
College of Health Professions Personnel Committee	2006-2008

CHP Faculty Council, Chair	2005-2008
CHP Strategic Planning Subgroup-evaluation	2005-2008
CHP Interdisciplinary Committee	2004-2005
Dean's Advisory Committee	1997-2000
Junior Writing Level Assessment Committee	1997-2005
GVSU Health Career Day	1995-1998
Biology Chair Search Committee	1995-1996
Meeting on the affiliation of Health Sciences and Physical Education	1995
Research Laboratory Room Allotment Committee:	1994-2002
Task Force on the Development of the OT Program	1994-1995
Task Force on the Development of the Physician Assistant program:	1993-1995
GVSU Open House on Graduate Programs	1992

University Service

GVSU University Curriculum Committee	2007-2010
GVSU Research & Development Committee	2007-2012
GVSU Faculty Salary and Budget Committee	2006-10
GVSU Human Research Review Committee	2005-present
GVSU Academic Policy and Procedure Committee	2004-2007
MERC Research Committee	1999-2003
Hope College Health Professions Career Day	1993-1995
Task Force on the Development of Nursing Curricula:	1991-1994

Community Service

Interviewer for Staff Position at Hudsonville Public School	2008
Baxter Mentorship Program Tour of CHS with presentation on Health Professions	2008
Osteoporosis/Health Bones Committee of GR	2006-2012
Mentorship program at Baxter Program evaluation and assessment	2005-2011
Head Timer: USA Swim Program, JAWS	2005-2008
Baxter Mentorship Program Tour of CHS with presentation on Health Professions	2005
Cardiovascular Physiology Lecture and Laboratory to Anatomy & Physiology Course at Hudsonville HS	2005
Consultant on the Gifted Child Hudsonville Curriculum Committee	2004-2005
Engaged Partners	2004-2005
Judge at MERC Research Day	2002-2011
MERC Research Committee Research Strategic Planning Committee	1999-2003
Cardiovascular Physiology Lecture and Laboratory to students at Bauer Elementary School	1997-1998
Cardiovascular Physiology Lecture and Laboratory to the AP Biology Course at Hudsonville High School.	1998
Hudsonville Public Schools Curriculum Committee Parent Representative, Gifted Program	1998
National Science Olympiad Volunteer Laboratory to third and fifth grade students (4 classes) at Bauer Elementary School in Hudsonville. Contact individual: Mrs. Tracy	1998
Current Consultant on platelet disorders. Analysis of platelet surface proteins using flow cytometric analysis.	1995-present

Reviewer for Sanders Publishing	1995
Reviewed: Human Physiology by Rhoades and Pflanzer. Chapters reviewed: Introduction, Muscle Physiology, Cardiovascular Physiology, Hemostasis, Respiratory Physiology and Renal Physiology.	
West Michigan Interactive Science Center Planning Committee	1995-1999
Cardiovascular Physiology Seminar to South Elementary Grades First through Fourth. (Turtle Heart Presentation)	1994-1997
GRAMEC/MERC member	1993-1998
BCLS instructor	1993-1998
Regional Science Olympiad Volunteer	1992-2006
Participation in the Parent Cooperative Character School Fountain Street Church.	1992-1994
Involved in both pre-kindergarten and first grade classes (Function as a registered nurse certified in BCLS)	

Professional Development & Scholarly Activity

2010-2015	DoD Grant: Midwest Traumatic Injury Rehabilitation Center Study. Module Coordinator for "Pathophysiology and Interprofessional Health Care Module."
2009-2015	Co-PI (Dr. Deb Sietsema) on a proposal titled "Analysis of outcome measures in patients with a fragility fracture treated with Forteo® Submitted to HRRC Jan. 2009.
2008-2010	Co-PI with Dr. Barron on proposal title "Clinical Antecedents to In-Hospital Cardiopulmonary Arrest after Institution of a Rapid Response Team." Submitted to HRRC Dec 2008
2008	National Association of Orthopaedic Nurses Meeting "Osteoporosis and Fragility Fractures" Grand Rapids, Michigan (December 2, 2008)
2008	Excellence in Clinical Teaching Meeting Grand Rapids Medical Education & Research Center "Effective evaluation: the cornerstone of good teaching" October 22, 2008
2008	"The Teaching Portfolio Workshop" Grand Valley State University June 19, 23-25, 2008
2008	AAPA Meeting, San Antonio, TX (May, 2008)
2008	Michigan Coalition of Bone Health Annual Meeting, May 2008
2008	SHEA (Society for Healthcare Epidemiology of America) Meeting, Orlando Florida (March 2008)
2007-2010	Co-PI (Dr. Barron) on Assessment of Readmission Rates in CHF patients
2007-current	Michigan Coalition for Bone Health: member

Professional Development & Scholarly Activity (Continued)

2007-2015	Co-PI (Dr. Deb Sietsema PhD) on Interdisciplinary Assessment of Risk Factors for Osteoporosis in Patients with a Distal Radius Fracture
2007	AAPA Meeting, Philadelphia, PA (May 2007)
2006	IRB Conference "Cutting edge issues in human research protection: high tech research, high tech IRBs" East Lansing, Michigan, October 27., 2006
2006	Lecture: African Americans and Genetics, by Dr. Smith PhD, October 25 th , 2006
2006-current	AAPA member #1008769
2005	Community Health Research Day "Physician learning, leadership, and life-balance: evidence and approaches from the emerging field of hospital medicine" Dr. David Meltzer MD, PhD
2005-current	Human Research Review Committee Member: attended and certified in PRIMA 101. Boston, MA December 2-4, 2005

2004 “Advancing Interdisciplinary Health Professions Education: Visioning the Future”
GVSU, Kirkhof College of Nursing
August 24, 2004

2004-2007 Co-investigator with Dr. Bloom (Mary Free Bed) Assessment of minimal brain injury clinic in relationship to rehabilitation procedures.

2003 The 36th Annual Research Day
Grand Rapids Medical Education and Research Center for Health Professions
Lecturer: Dr. Margaret Gunter, PhD
April, 2003

2003 AAPA meeting attendance, New Orleans, LA

2003-2009 Co-investigator with Dr. McNamara (West Michigan Heart) Use of flow cytometry to identify a new inflammatory marker expressed on neutrophils. “Expression of inflammatory marker, CD64, on neutrophils during acute coronary syndrome.”
Last renewal 05/2008

2002 The 36th Annual Research Day
Grand Rapids Medical Education and Research Center for Health Professions
Lecturer: Dr. Mark Hughes MD
“The Human Embryo: Diagnosing, Cloning, Stem Cell Research: We can, but should we?”
April, 2002

2001 National ACOG Meeting, attendance and presentation, April 2001, Chicago, IL

2001 Enhanced Skills Faculty Development Workshop
March 1-2, 2001

1999 Calvin January Series
Dr. Frances Collins
“Human Genome Project”

1998, 2002 ASA Annual Meeting
CME credits: 45 (required for renewal of RN license)
Orlando, FL

1995 A Conversation about Teaching
GVSU
August 23, 1995

1995 American Cancer Society: “Uniting Against Breast Cancer”
October 7, 1995

1995 Reviewer for Sanders Publishing
Reviewed: Human Physiology by Rhoades and Planzer
Chapters reviewed: introduction, muscle physiology, cardiovascular physiology, hemostasis, respiratory physiology and renal physiology

1995-2005 Consultant on bleeding disorders for DeVos Women’s and Children’s Hospital for Drs. Kurlanski and Mitchell. Analysis of approximately 10 patients/year

1995-current Establishing contacts in the medical community regarding research opportunities for graduate Students

1994 GRMERC Research Society Meeting
Grand Rapids, Michigan
January 26, 1994

1994-1995 Cardiovascular physiology seminars to South Elementary students
(Turtle Heart Presentation)

1993 Michigan State Society for Medical Technology
Grand Rapids, Michigan
April, 1993

1993 American Heart Association of Michigan
East Lansing, Michigan
September 21, 1993

1993-2005 Approximately 15-30 hours per week spent in establishing baseline techniques for the study of platelet function in high-risk pregnancy. Bench work performed at West Michigan Flow Cytometry Laboratory.

1993 GRMERC Research Society Meeting
Grand Rapids, Michigan
March 24, 1993

1993-1996 BCLS Instructor
1992 National NCUR Meeting
Hope College
June 11-13

Presentations

- 2016 (Peer Reviewed) Reinhold, M. I., & **Bacon-Baguley, T. A.**(Presenter and Author), Lilly Conference on College and University Teaching, "Assessment of an Evidence-Based Medicine Course Series in the Physician Assistant Curriculum: Teaching Key Principles," International Teaching and Learning Cooperative, Traverse City, MI. (October 19, 2016).
- 2016 (Peer Reviewed) Reinhold, M. I., & **Bacon-Baguley, T. A.** (Presenter & Author), Midwest Interprofessional Practice, Education and Research Conference, "Change in Physician Assistant Students Perception of Other Health Care Professions after IPE Experiences," GVSU, GRMEP, MSU, GVSU. (September 23, 2016).
- 2016 (Peer Reviewed) **Bacon-Baguley, T. A.**(Presenter and Author), & Reinhold, M. I., International Conference of Higher Education, "Implementation of a Distant Learning Physician Assistant Program in Northern Michigan to Address Health Care Provider Shortage: Importance of Evaluation," World Academy of Science, Engineering and Technology, London, UK. (May 24, 2016).
- 2016 (Peer Reviewed) West, S. (Presenter & Author), Herrin, T. (Author Only), Elery, R. (Author Only), Beasley, J. A. (Author Only), Truskowski, S. A. (Author Only), & **Bacon-Baguley, T. A.** (Author Only), American Occupational Therapy Association Annual Meeting, "Normative Data for the Complete Minnesota Dexterity Test (CMDT)," AOTA, Chicago, ILL. (April 8, 2016).
- 2015 (Peer Reviewed) **Bacon-Baguley, T. A.,** & Reinhold, M. I., PAEA Education Forum, "Change in Physician Assistant Students Perception of Health Care Providers.," PAEA, Arlington, VA. (November 12, 2015).
- 2015 (Peer Reviewed) Reinhold, M. I., & **Bacon-Baguley, T. A.**(Presenter & Author), Lilly Conference on College and University Teaching, "Integrating an evidence-based medicine curriculum into Physician Assistant education: teaching for today and the future!," International Teaching and Learning Cooperative, Traverse City, MI. (October 16, 2015).
- 2015 (Peer Reviewed) Reinhold, M. I. (Presenter & Author), & Bacon-Baguley, T. A. (Presenter & Author), West Michigan Interprofessional Education Conference, "PERCEPTIONS OF THE AFFORDABLE CARE ACT BY NURSE PRACTITIONERS AND PHYSICIAN ASSISTANTS," GVSU, GRMEP, MSU, GVSU. (September 18, 2015).
- 2015 (Peer Reviewed) **Bacon-Baguley, T. A.,** & Reinhold, M. I., European Interprofessional Practice and Education Network (EIPEN), "Change in Perception of Physician Assistant Students After Completion of Experiences Aimed at Providing Exposure to a Variety of Health Care Providers," consortium of Radboud University Medical Center, HAN University of Applied Sciences Arnhem and Nijmegen, Zuyd University of Applied Sciences Heerlen, Robuust, and Jan van Es Institute., Nijmegen, Netherland. (August 28, 2015).
- 2015 (Peer Reviewed) Reinhold, M. I., & **Bacon-Baguley, T. A.,** Teaching and Learning with Technology, "The importance of piloting an ITV program prior to implementation.," GVSU, Idema Library, GVSU. (March 11, 2015).
- 2014 (Peer Reviewed) Ethically Valid Consent and Assent in Persons with Diminished Cognitive Capacity. Bacon-Baguley, T., and Reitemeier, P. Public Responsibility in Medicine and Research: 2014 AER Conference. Baltimore, MD. December 5-7, 2014.
- 2014 (Peer Reviewed) **Quality of Life Analysis between Premenopausal and Postmenopausal Aged Women after daVinci Robotic Sacrocopectomy.** Kline, K., Littell, J., Loree, C., McCotter, C., Bacon-Baguley, T., and Hamati, S. 2014. 42nd Annual American Academy of Physician Assistant Meeting(AAPA Impact). Boston, May 2014.
- 2014 (Peer Reviewed) **Evaluation of Interprofessional Experiences in Physician Assistant Education. Midwest Graduate Research Symposium.** Sheehan, M., Krzyzaniak, K., Gravlin, M., Bacon-Baguley, T. The University of Toledo Graduate Student Association's 5th Annual Conference. March 29, 2014.
- 2014 (Peer Reviewed) **Age and Gender as Predictors of Post-Concussion Syndrome Manifestations following Mild Traumatic Brain Injury.** Smith, A., Talaska, A., Otieno, S., Bacon-Baguley, T. 42nd Annual American Academy of Physician Assistant Meeting(AAPA Impact). Boston, May 2014.
- 2014 (Peer Reviewed) **What are the functional outcomes of tibial plateau fractures and what factors affect these outcomes?** Bacon-Baguley, T., Kuiper, B., Neubauer, N., Otterbein, K., Willie, B., Sietsema, D., Jones, C. Michigan Academy of Physician Assistants Annual Meeting, October 2014.

- 2014 (Peer Reviewed) **Age and Gender as Predictors of Post-Concussion Syndrome Manifestations following Mild Traumatic Brain Injury.** Smith, A., Talaska, A., Otieno, S., Bacon-Baguley, T. Michigan Academy of Physician Assistants Annual Meeting, October 2014.
- 2014 (Invited) Keynote Address, Grand Valley State University Physician Assistant Studies Program White Coat Ceremony, December, 2014
- 2014 (Peer Reviewed) **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, M. 7th Annual IPE Conference. September 19, 2014.
- 2014 (Peer Reviewed) **Research Abstract Outcomes of Veterans with TBI: Standard of Care Versus Enhanced Care.** Journal of the Society for Simulation in Healthcare, Volume 8, Issue 6, #1098. Presented at the 14th International Meeting on Simulation in Healthcare, 1/25-1/29/2014, San Francisco, CA. Nagelkerk, Jean PhD, FNP; Donders, Jacobus PhD; Bacon-Baguley, Theresa PhD; Skillings, Jared PhD; Jensen, Susan PhD, RN, CCM; Smith, Jeanne MEd, BS, BA; Trytko, Jeff MS; Pearl-Kraus, Lorraine PhD, FNP-BC; Baer, Lawrence PhD.
- 2013 (Local) **Outcomes of Service Members with TBI: Standard of Care Versus Enhanced Care.** Jeff Trytko, and Theresa Bacon-Baguley. West Michigan Interprofessional Education Initiative: Creating Teams for Patient Centered Care.
- 2013 (Local) **Implementation of Formative and Summative Evaluation of Hospital and Community Experiences Aimed to Facilitate Interprofessional Practice.** Theresa Bacon-Baguley, and Martina Reinhold. West Michigan Interprofessional Education Initiative: Creating Teams for Patient Centered Care.
- 2013 (Invited) Keynote Address, Grand Valley State University Physician Assistant Studies Program Keynote Speech for Graduation, December 2013.
- 2013 (Invited) Keynote Address, Grand Valley State University Physician Assistant Studies Program White Coat Ceremony Keynote Speech, December 2013.
- 2013 (Peer Reviewed) **A Retrospective Review of 211 Cases of Robotic-Assisted Sacrocolpopexy.** Theresa Bacon-Baguley, Samir Hamati, Emily Kluck, Joanna McCann, Sarah Pankow, Drew Theuerkauf, and Diann Reischman. 41st Annual American Academy of Physician Assistant Meeting(AAPA Impact) 2013 National Meeting, Washington D.C.
- 2013 (Peer Reviewed) **Predictors of Post-Concussion Syndrome Manifestations after a Minor Traumatic Brain Injury.** Daniel Piligian, Smantha Hasso Gina Doman, Sango Otieno, and Theresa Bacon-Baguley. 41st Annual American Academy of Physician Assistant Meeting(AAPA Impact) 2013 National Meeting, Washington D.C.
- 2013 (Peer Reviewed) **The Impact of the Affordable Care Act on Oasis of Hope: A Free Health Clinic in Michigan.** Megan Springstead, Lauren Toro, Barb Grinwis, and Theresa Bacon-Baguley. 41st Annual American Academy of Physician Assistant Meeting(AAPA Impact) 2013 National Meeting, Washington D.C.
- 2013 (Peer Reviewed) **Functional Outcomes Following Stabilization of Proximal Humeral Fractures.** Sydney Bridges, Tabettha Tenney, Elizabeth Wendt, Debra Sietsma, Clifford Jones, and Theresa Bacon-Baguley. Midwest Graduate Research Symposium. March 2013, University of Toledo.
- 2013 (Peer Reviewed) **Outcomes of Service Members with TBI: Standard of Care Versus Enhanced Care.** Theresa Bacon-Baguley, Jean Nagelkerk, Jacobus Donders, Lorraine Pearl-Krause, Jeff Trytko, Lawrence Baer, Susan Jensen, and Jared Skillings. Military Health System Research Symposium. Fort Lauderdale, Florida, August 2013
- 2012(Peer Reviewed) **Computer-Assisted Learning: Assessment of Knowledge Gained and Utilization of a Self-Directed Learning Unit.** Theresa Bacon-Baguley. Physician Assistant Educational Association. November 2012. Oral Presentation
- 2012 (Peer Reviewed) **Timeliness of Antibiotic Administration in Neutropenic Patients at Risk for Sepsis.** M. Sikora, M. Dougherty, and T. Bacon-Baguley. 21st Annual Clinical and Professional Poster Session, 40th Annual American Academy of Physician Assistant Meeting, Toronto, May 25-30, 2012.
- 2012 (Peer Reviewed) **Incidence and Risk Factors of Post-Rewarming “Rebound Hyperthermia” in Cardiac Arrest Patients Undergoing Therapeutic Hypothermia.** K. Wolf, T. Bacon-Baguley, J. Jones, S. Winters, S. Kettinger, and E. Seif. 21st Annual Clinical and Professional Poster Session, 40th Annual American Academy of Physician Assistant Meeting, Toronto, May 25-30, 2012, Toronto.
- 2012 (Peer Reviewed) **Improving Physician Assistant Education with Computer Assisted Learning: An Assessment of Knowledge Gained in the Area of Traumatic Brain Injury.** T. Bacon-Baguley, O. Cain, A. Galdes, and R. Bonifas. 21st Annual Clinical and Professional Poster Session, 40th Annual American Academy of Physician Assistant Meeting, Toronto, May 25-30, 2012.

- 2012 (Peer Reviewed) **Are There Differences in Those Sustaining Humeral Fragility Fractures With a Prior Osteoporosis Diagnosis?** L. Triemstra, F. Lakso, D. Sietsema, C. Jones, and T. Bacon-Baguley. 21st Annual Clinical and Professional Poster Session, 40th Annual American Academy of Physician Assistant Meeting, Toronto, May 25-30, 2012.
- 2012 (Peer Reviewed) **Accuracy of the Automated Blood Pressure Device Compared to Manual Blood Pressure Measurement With and Without Irregular Cardiac Rhythms.** C. Damron, C. Khamis, K. Gingrich-Watson, M. Knoppers, L. Hansen, K.J. Vander Laan, and T. Bacon-Baguley. 21st Annual Clinical and Professional Poster Session, 40th Annual American Academy of Physician Assistant Meeting, Toronto, May 25-30, 2012.
- 2012 (Peer Reviewed) **Characteristics of Those with Humeral Fragility Fractures.** J. James, E. Pradk, M. Olschansky, D. Sietsema, C. Jones, and T. Bacon-Baguley. 21st Annual Clinical and Professional Poster Session, 40th Annual American Academy of Physician Assistant Meeting, Toronto, May 25-30, 2012.
- 2012 (Peer Reviewed) **A Pilot Study to Assess an Online Educational Module on Blast-Related Mild Traumatic Brain Injury in Physician Assistant Education.** K. Dekkinga, K.A. Streitenberger, L. Hyde, and T. Bacon-Baguley. 21st Annual Clinical and Professional Poster Session, 40th Annual American Academy of Physician Assistant Meeting, Toronto, May 25-30, 2012.
- 2012 (Peer Reviewed) **A Comparison of Paper to Electronic Kardex** C. Smith, S. Marchetta, M. VanderKooi, C. Blackport, D.J. Sterken, K.J. Vander Laan, and T. Bacon-Baguley. 21st Annual Clinical and Professional Poster Session, 40th Annual American Academy of Physician Assistant Meeting, Toronto, May 25-30, 2012
- 2012(Peer Reviewed) **Robotic Assisted Sacrocolpopexy: a Retrospective Review of 211 Cases.** J. McCann, D. Theurkauf, E. Kluck., T. Bacon-Baguley, and S. Hamati. American Urogynecologic Society 33rd Annual Scientific Meeting, October 2012.
- 2012(Pee Reviewed) **Are there differences in those sustaining humeral shaft fragility fractures with a prior osteoporosis diagnosis?** L. Triemstra, F. Lakso, D. Sietsema, C. Jones, and T. Bacon-Baguley. National Osteoporosis International Symposium on Osteoporosis.
- 2012(Peer Reviewed) **Characteristics of those with humeral shaft fragility fractures.** J. James, E. Pradko, M. Olschanski, D. Sietsema, C. Jones, and T. Bacon-Baguley. National Osteoporosis International Symposium on Osteoporosis.
- 2011(Peer Reviewed) **Type 2 Diabetes Mellitus and the Patient-Provider Relationship.** Amanda Kelly, Tara Salas, Scott Parrott, Philip Baty, and Theresa Bacon-Baguley. 20th Annual Clinical and Professional Poster Session, 39th Annual American Academy of Physician Assistant Meeting, Las Vegas, June 1-4, 2011.
- 2011(Peer Reviewed) **Quality of Life Outcomes After Sacrocolpopexy.** Leah Lillmars, Renae Conner; Beth Wiegand; Samir Hamati; and Theresa Bacon-Baguley. 20th Annual Clinical and Professional Poster Session, 39th Annual American Academy of Physician Assistant Meeting, Las Vegas, June 1-4, 2011.
- 2011(Peer Reviewed) **Characterization of the Detection of Breast Cancer in Females Registered in the Michigan Breast Oncology Quality Initiative.** Jennifer Kreinbrink, Grace Parish, Daniel Smith BS, Jamie Caughran, Theresa Bacon-Baguley. 20th Annual Clinical and Professional Poster Session, 39th Annual American Academy of Physician Assistant Meeting, Las Vegas, June 1-4, 2011.
- 2011(Peer Reviewed) **Quality of Life Outcomes After 100 da Vinci Robotic Sacrocolpopexy.** Leah Lillmars; Renae Conner; Beth Wiegand; Theresa Bacon-Baguley, and Samir Hamati. Thirty-Seveny Annual Society of Gynecologic Surgeons. San Antonio, TX, April 11-13, 2011.
- 2010(Peer Reviewed) **Clinical Antecedents to In-Hospital Cardiopulmonary Arrest After Institution of a Rapid Response Team.** David Patel, Ramez Nassri, Briana Loney, James Barron, Carole Montgomery, Theresa Bacon-Baguley. 19th Annual Clinical and Professional Poster Session, 38th Annual American Academy of Physician Assistant Meeting, Atlanta, May 30-June 2, 2010.
- 2010(Peer Reviewed) **The Effectiveness of High Fidelity Simulation in Health Professions Education.** Theresa Bacon-Baguley, Andrew Booth, Leslie Crowley, Steve Ladd, Brad Trompen, and Theresa Bacon-Baguley. 19th Annual Clinical and Professional Poster Session, 38th Annual American Academy of Physician Assistant Meeting, Atlanta, May30-June 2, 2010.
- 2009(Peer Reviewed) **A Comparison of the Change in Body Mass Index Between Patients who received a Total Hip Arthroplasty Versus a Total Knee Arthroplasty.** Alyssa Aubry, Mercedes Liscomb, Kristina Oosterhouse, David Rispler, and Theresa Bacon-Baguley. 18th Annual Clinical and Professional Poster Session, 37th Annual American Academy of Physician Assistant Meeting, SanDiego, May 24-27, 2009.

- 2009(Peer Reviewed) **Perceived Efficacy in the Use of High Fidelity Simulation in Medical Education.** Theresa Bacon-Baguley, Andrew, Jennifer Jones, Elizabeth Leffingwell, and Jordan Stevenson. 18th Annual Clinical and Professional Poster Session, 37th Annual American Academy of Physician Assistant Meeting, San Diego, May 24-27, 2009.
- 2009(Peer Reviewed) **Exploration of a Qualitative and Quantitative Approach to Assessment of a Community Based Mentorship Program.** Theresa Bacon-Baguley, Kathleen Godinez, Holly Ferris, and Cynthia Grapczynski. 18th Annual Clinical and Professional Poster Session, 37th Annual American Academy of Physician Assistant Meeting, San Diego, May 24-27, 2009.
- 2008(Peer Reviewed) **Change in Body Mass Index in Patients Following Total Hip Arthroplasty** 17th Annual Clinical and Professional Poster Session, 36th Annual American Academy of Physician Assistant Meeting, San Antonio, May 25-28, 2008.
- 2008(Peer Reviewed) **A Qualitative Analysis on the Outcomes of a Mentoring Program.** 18th Annual Clinical and Professional Poster Session, 36th Annual American Academy of Physician Assistant Meeting, San Antonio, May 25-28, 2008.
- 2007(Peer Reviewed) **Empowerment and Educational goals: a Study on the Outcomes of a Mentoring Program.** 17th Annual Clinical and Professional Poster Session, 35th Annual American Academy of Physician Assistant Meeting, Philadelphia, May 2007.
- 2007(Peer Reviewed) **Incorporation of Service Learning into Student Research Requirements.** Spotlight oral presentation. Physician Assistant Education Association (PAEA) Annual Education Forum, Tucson, Arizona
- 2004 **Comparison of Adderall and Concerta in the treatment of Adults and Children with ADHD.** Behavioral Medicine Seminar to Shire and staff at the Behavioral Medicine Clinic.
- 2002(Peer Reviewed) **Eastern Atlantic Student Research Forum (ESRF)**
University of Miami School of Medicine
Miami, FL
*Recipient of the award, "Women's Health Initiative Research Award"
- 2001(Peer Reviewed) **National American College of Obstetricians and Gynecologist meeting in Chicago, IL.**
Abstract accepted for oral presentation, "Changes in Platelet Membrane Proteins during Normal Pregnancy."
- 2000(Invited Speaker) **Keynote speaker at the International Romania Pediatric Symposium.**
Topics: Professionalism, Team Building Application of the Scientific Process in Education, Cluj, Romania.
- 1999 **PALS Lectures**
Team Leader: Dr. Rogers MD
Cluj, Romania
10 day symposium in Cluj lecturing to Medical Students and Nursing Student on Respiratory Pathology and Treatment of Respiratory Conditions
- 1995(Invited Speaker) **American Cancer Association**
October 7, 1995, "Estrogen Link to Cancer"
- 1995-08 **Grand Valley State University Scholarship Day**
Multiple Undergraduate and Graduate oral and Poster presentations
Scholarship Day is held in April of each year
- 1994(Peer Reviewed) **Grand Valley State University**
Science and Mathematics Divisional Faculty and Staff Meeting
"Assessment of Platelet Structure and Function in Normal Pregnant Females"
January 6, 1994
- 1994(Peer Reviewed) **Grand Valley State University**
Science and Mathematics Divisional Faculty and Staff Meeting
"Effects of Exercise Intensity on HDL"
(Presented by Health Sciences graduate student, Teresa Spate)
January 6, 1994
- 1993(Invited Speaker) **GRAMEC Research Society Meeting**
Grand Rapids, Michigan
"Collaborative Research between Basic and Clinical Sciences"
March 14, 1993

- 1990(Peer Reviewed) **Twentieth Annual Michigan Heart Association**
Research Forum
Lansing, Michigan
Poster Presentation (9/90)
- 1989(Peer Reviewed) **Twelfth International Congress on Thrombosis and Haemostasis**
Tokyo, Japan
Poster Presentation (8/89)
- 1989(Peer Reviewed) **American Society of Cell Biology**
Houston, Texas
Poster Presentation (11/89)
- 1987(Invited Speaker) **Detroit Metro Clotters Club**
Guest Speaker (10/86)
- 1987(Peer Reviewed) **Eleventh International Congress on thrombosis and Haemostasis**
Brussels, Belgium
Oral Abstract Presented (7/87)
- 1986(Peer Reviewed) **Sixteenth Annual Michigan Heart Association**
Cardiovascular Research Forum (9/11/86)
- 1986(Peer Reviewed) **The American Heart Association's 59th Scientific Sessions (11/86)**
Oral Abstract Presented

Publications: Original Peer Reviewed Research

Reinhold, Martina, and **Bacon-Baguley, Theresa**. Integrating Interprofessional Experience Throughout a First-Year Physician Assistant Curriculum Improves Perceptions of Health Care Providers. *JIEP*. 2017

Nagelkerk, Jean PhD, FNP; Donders, Jacobus PhD; **Bacon-Baguley, Theresa PhD**; Skillings, Jared PhD; Jensen, Susan PhD, RN, CCM; Smith, Jeanne MEd, BS, BA; Trytko, Jeff MS; Pearl-Kraus, Lorraine PhD, FNP-BC; Baer, Lawrence PhD. Research Abstract Outcomes of Veterans with TBI: Standard of Care Versus Enhanced Care. *Journal of the Society for Simulation in Healthcare*, Volume 8, Issue 6, #1098.

Publications: Original Peer Reviewed Research(Continued)

Winters, S.A., Wolf, K.H., Kettinger, S.A., Seif, E.K., Jones, J.S., **Bacon-Baguley, T.** Assessment of Risk Factors for Post-Rewarming “Rebound Hyperthermia” in Cardiac Arrest Patients Undergoing Therapeutic Hypothermia. *Resuscitation*, Submitted with revisions December 2012.

McCann, J., Theurkauf, D., Kluck E., **Bacon-Baguley, T.**, and S. Hamati. Robotic Assisted Sacrocolpopexy: a Retrospective Review of 211 Cases. *Female Pelvic Medicine & Reconstructive Surgery*, Vol 18:5, p. 205, Sept/Oct 2012.

Triemstra, L., Lakso, F., Sietsema, D., Jones, C., and **Bacon-Baguley, T.** Are there differences in those sustaining humeral shaft fragility fractures with a prior osteoporosis diagnosis? *Osteoporosis International*, Vol 23, p. 450, 2012

James, J., Pradko, E., Olschanski, M., Sietsema, D., Jones, C., and **Bacon-Baguley, T.** Characteristics of those with humeral shaft fragility fractures. *Osteoporosis International*, Vol 23, p. 450, 2012

Manuscript submitted to *ACP Hospitalist*: Assessing the Effectiveness of Utilizing a Rapid Response Team: A Preliminary Study. Barron, J., Montgomery, C., Ramez, N., Loney, B., Patel, D., and **Theresa Bacon-Baguley**. (Submitted 2/2011, revisions with resubmission 6/2012).

Manuscript submitted to *American Journal of Obstetrics and Gynecology*: Quality of Life Outcomes after daVinci Robotic Sacrocolpopexy. Hamati, S., Hunt, L., Chilcote, B., Rodriguez, N., Pate, M., Lillmars, L., Conner, R., Wiegand, B., and Bacon-Baguley, T.(2011 submission, further statistical analysis under review with re-submission Spring 2013.)

Rogers, AJ, McIntyre, S, Rossman, L, **Bacon-Baguley, T**, Jones JS. The Forensic Rape Examination: Is Colposcopy Really Necessary? *Annals of Emergency Medicine*, 2008;52(4):S63.

Bacon-Baguley, T., LoRe, G., Tallman, J., Tran, B., Grapczynski C. A Qualitative Analysis on the Outcomes of a Mentoring Program. *AAPA*, May 2008, Abstract accepted

Oleszkiewicz, P., Mollan, T., Rispler, D., **Bacon-Baguley, T.** Change in Body Mass Index in Patients Following Total Hip Arthroplasty. *AAPA*, May 2008, Abstract Accepted.

Bacon-Baguley, T., Snell, K, Grow, S., and Kulon, A. Empowerment and Educational goals: a Study on the Outcomes of a Mentoring Program. *AAPA*, May 2007, Abstract accepted.

Bacon-Baguley, T. Incorporation of Service Learning into Student Research Requirements. *PAEA*, May 2007, Abstract, accepted for Spotlight Presentation.

Lusis, E., **Bacon-Baguley, T.**, Warzynski, M., and Jelsema, R. Changes in Platelet Membrane Proteins During Normal Pregnancy. *Eastern Atlantic Research Forum*. Abstract, February 2002.

Bacon-Baguley T., Lusic E, Warzynski M., and R. Jelsema. Changes in Platelet Membrane Proteins During Normal Pregnancy. *Obstetrics & Gynecology*. Vol 97:4, April 2001.

Spate, T., Curry, B., **Bacon-Baguley, T.**, and Keizer, R. Effect of high intensity exercise training versus low intensity exercise training on fractionated plasma high-density lipoprotein. Submitted 1998, rejected.

Bacon-Baguley, T., and Dixit, V.M. Isolation and partial characterization of a heparan sulfate proteoglycan which binds Thrombospondin. Submitted to *Biochemical and Biophysical Research Communications*.

Bacon-Baguley, T. and Dixit, V.M. The recombinant Thrombospondin heparin binding domain inhibits platelet aggregation. Submitted to *Biochemical and Biophysical Research Communication*.

Bacon-Baguley, T., Oglive, ML, Gartner, T.K., and Walz, D.: Thrombospondin Binding to specific sequences within the Aalpha and Bbeta chains of fibrinogen. *J. Biol. Chem.* 1990;267(4):2317.

Publications: Original Peer Reviewed Research(Continued)

Bacon-Baguley, T., and Dixit, V.: Identification and characterization of a membrane proteoglycan which binds Thrombospondin. *J. Cell Biol.* 1989;109(4):A577.

Depoli, P., **Bacon-Baguley, T.**, Kendra-Franczak, S., Cederholm, M., and Walz, D.: Thrombospondin interaction with plasminogen. Evidence for binding to a specific region of the kringle structure of plasminogen. *Blood*, 1989;73(4):976.

Walz, D., **Bacon-Baguley, T.**, Oglive, M., and Gartner, T.: Thrombospondin binds to specific peptide sites within the Aalpha and Bbeta chains of fibrinogen. *Thrombo. and Hemost.* 1989;62(1):A1897.

Bacon-Baguley, T., Kendra-Franczak, S., and Walz, D.: Thrombospondin specifically interacts with amino acid sequences within the Aalpha and Bbeta chains of fibrinogen. *Thrombo. and Hemost.*, 1987;58(1):A1023.

Depoli, P., **Bacon-Baguley, T.**, and Walz, D.: Thrombospondin interaction with plasminogen. *Thrombo. and Hemost.*, 1987;58(1):A1025.

Walz, D., **Bacon-Baguley, T.**, Kendra-Franczak, S. Thrombospondin interaction with fibrinogen, plasminogen, and histidine rich glycoprotein. *Seminars in Thrombo. and Hemost.*, 1987;13(3):317.

Satoh, S., **Bacon-Baguley, T.**, and Walz, D.: The binding of fibrinogen is located in the N-terminal heparin binding domain of Thrombospondin. *Blood*, 1987;72(5):A360.

Bacon-Baguley, T., and Walz, D.: Thrombospondin interaction with fibrinogen. *Circulation*. 1986;74(4):A249.

Bacon-Baguley, T., Kudryk, B., and Walz, D.: Thrombospondin interaction with fibrinogen; evidence for binding to the Aalpha and Bbeta chains of fibrinogen. *J. Biol. Chem.*, 1986;262(5).

Publications: Materials

Bacon-Baguley, T. Challenges of Data Management and Security In Human Subject Research: Are There Differences in the Challenges Between Faculty and Student Principle Investigators? HRRC Annual Update, p. 18-19. June 2014. (http://www.gvsu.edu/cms3/assets/E122C984-F34A-F437-8340DB5CD900C177/rpp_annual_update.2012-13.final.website_layout.compressed.pdf)

Warrior Traumatic Brain Injury and Polytrauma Health Provider Manual. US Army Medical Research & Material Command and the Telemedicine & Advanced Technology Research Center. Chapter 1: Physiological Symptom Control and Interdisciplinary Care Team. Pages 05-254, 2013

Bacon-Baguley, T., Advanced Pathophysiology II. GVSU Publishing. 2003

Bacon-Baguley, T., Advanced Pathophysiology I. GVSU Publishing. 2001

Bacon-Baguley, T., Clinical Pathophysiology. GVSU Published. 1998.

Bacon-Baguley, T., Neuropathology. GVSU Published. 1999

Bacon-Baguley, T., Adrian, B., and Capodilupo, J. Physiology Manual. Stipes Publishing. 1998.

Bacon-Baguley, T., Basic Pathophysiology Resource Manual. Stipes Publishing. 1997.

Bacon-Baguley, T., Human Physiology Resource Manual. Stipes Publishing. 1995.

Bacon-Baguley, T., Physiologic Pathology. GVSU Publishing. 1998

Grant & Proposal Development

2016 Munson Medical and **Bacon-Baguley, T.A.**(GVSU authorship section). "Rural Education and Access to Community Health (REACH): Implementation of Telehealth in Physician Assistant Education," Rural Utility Services Grant, March 2016. Funded: \$718,977 with \$31,878 match from GVSU.

2016 Reinhold, M. I., **Bacon-Baguley, T. A.**, & Kopacki, N. B., "Rural Education and Access to Community Health (REACH): Implementation of Telehealth in Physician Assistant Education," Sponsored by GVSU-CSCE, Grand Valley State University, \$10,000.00. (June 1, 2016). Not Funded.

2016 Reinhold, M. I., **Bacon-Baguley, T. A.**, & Kopacki, N. B., "Rural Education and Access to Community Health (REACH): Implementation of Telehealth in Physician Assistant Education," Sponsored by GVSU : FTLC, Grand Valley State University, \$9,000.00. (June 1, 2016 - December 31, 2017).

- 2015 Pew Faculty Teaching and Learning Center Workshop Grant to attend Duke University Evidence Based Medicine Workshop (\$12,00)
- 2014 **Bacon-Baguley, T.**, Kopacki, N. Technology Advancement to Allow for Enhanced Teaching and Interaction with Distant Campus in Traverse City Michigan Delivered Through ITV. Pew Technology Enhancement Grant. Funded, \$3,000.
- 2014 GVSU Pew Faculty Teaching and Learning Center Grant (\$500)
- 2013 GVSU Pew Faculty Teaching and Learning Center (\$500)
- 2012 GVSU Pew Faculty Teaching and Learning Center
Travel Grant to attend PAEA. \$500
- 2012 HRSA(12-024) The Effects of a Distance Learning Program in Physician Assistant Studies on the Number of Graduates Choosing to Work in Primary Care. Primary writer and Co-PI. Submitted May 2012, and accepted September 2012. \$999,876.00.
- 2010 HRSA (10-237) Grant: Preparing Primary Care Physician Assistants Using Enhanced Educational Technology. Primary project writer. Accepted and Funded \$300,000
- 2008 VanAndel Research Institute Grant: Interdisciplinary Osteoporosis Grant
Research grant: \$2,500
- 2007 GVSU Faculty Research and Development Center
Travel Grant: \$500.
- 2007 GVSU Pew Faculty Teaching and Learning Center
Travel Grant: \$400.
- 2001 "Expression of inflammatory marker, CD64, on neutrophils during acute coronary syndrome." Co-investigator with West Michigan Heart. Submitting agency: Spectrum Health
- 2001 Pew Faculty Teaching and Learning Center grant to attend the "Enhanced Skills Faculty Development Workshop" in Denver, CO. March 1st-2nd. (\$500)
- 1996 "Platelet Structure and Function in Normal and Preeclamptic Pregnancy." Submitting agency: GVSU
Response: Funded
- 1994 "Clinical Investigation on the Assessment of Platelet Structure and Function in Normal and Preeclamptic Patients"
Submitting agency: Butterworth Hospital IRB
Response: Proposal accepted and IRB approved
- 1994 "Platelet Structure and Function in Normal and Preeclamptic Pregnancy"
Submitting agency: American Heart Association-Michigan Affiliate
Response: Funding rejected
- 1993 "Assessment of Platelet Structure and Function in Normal Pregnant Females"
Submitting agency: GVSU Research and Development
Response: No money available

Activities & Awards

- 2011 **2011 Professor of the Year Award**
Grand Valley State University Physician Assistant Program
- 2008 **2008 Professor of the Year Award**
Grand Valley State University Physician Assistant Program
- 2008 **Best Educational Abstract**
GR-MERC Community Research Day
Assessment of High Fidelity Simulation in Health Professionals' Education
Jennifer Jones PA-S, Jordan Stevenson PA-S, Beth Leffingwell PA-S, Theresa Bacon-Baguley PhD
- 2007 **2007 Professor of the Year Award**
Grand Valley State University Physician Assistant Program
- 2006 **2006 Professor of the Year Award**
Grand Valley State University Physician Assistant Program
- 2003 **Outstanding Educator Award (Alumni based)**
Grand Valley State University
Allendale, Michigan
- 1997 **Tenure & Associate Professor Status**
Grand Valley State University
Allendale, Michigan

- 1992-1993 **Exceptional Teaching Award (Faculty based)**
Grand Valley State University
Allendale, Michigan
- 1988-1989 **Post-Doctoral recipient of NIH Training Grant**
University of Michigan Medical Center
Program Director: Dr. P. Ward, Chairman, Department of Pathology
- 1987 **Outstanding Graduate Student Award**
Wayne State University
School of Medicine
Department of Physiology
- 1985-1987 **Pre-doctoral recipient of NIH training Grant**
Wayne State University
School of Medicine
Program Director: Dr. D. Walz, Physiology Dept.
- 1984 **Recipient of Rumble Fellowship Award**
- 1983 **Recipient of Rumble Fellowship Award**
(Based on academic achievement)
Wayne State University
School of Medicine

Laboratory Techniques

Flow cytometry procedures to analyze platelet membrane proteins
SDS-Page
Immunoblotting
Iodination Handling and Autoradiography
F.P.L.C
H.P.L.C
Column Chromatography
Polyclonal and Monoclonal Antibody Production
ELISA
Small and Large Animal Surgery
Tissue Culture
Cell Membrane Purification
Radioligand Binding
Flow Cytometry
Platelet Aggregation