**Curriculum Vitae** Last Updated: 1/22/2014

**Personal data:**

Name: Bryan S Gibson

Citizenship: United States

**Education:**

Year Degree Institution (Area of Study)

1996 B.S University of Utah College of Health (Exercise Physiology)

2001 MPT University of Utah Department of Physical Therapy

2006 DPT University of Utah Department of Physical Therapy

2012 PhD University of Utah Department of Biomedical Informatics

**Academic history:**

2/13- present University of Utah School of Medicine, Division of Epidemiology Research Assistant Professor

11/11-2/ 13 University of Utah School of Medicine, Division of Epidemiology

 Research Health Scientist

8/08- 11/11 Salt Lake City Veterans Affairs Medical Center Salt Lake City

 Post-Doctoral Fellow: Biomedical Informatics

**Professional Experience:**

7/01-8/08 Salt Lake City VA Healthcare System Cardiac Rehabilitation Program Manager

6/00-7/01 LDS hospital Wound Care Specialist

5/98-6/00 Research assistant- Neuromuscular Disease Research lab

**Reviewer Experience:**

3/12-present Reviewer American Medical Informatics Association Annual meeting

10/11-Present Reviewer Society of Behavioral Medicine Annual Meeting

1/10- 1/12 Member Student Editorial Board, Journal of the American Medical Informatics Association

**Honors:**

10/08 Special Contribution Award for Curriculum Development

 for Healthier U.S. Veterans *Getting started with Exercise* Video

06/10 "eHealth= Utah" Award for Excellence in Public Health Informatics, Utah Department of Health

**Administrative Experience:**

01/11- Present SLC IDEAS Center Education and Dissemination Committee

11/10- Present University Hospital Health Literacy working group

 Research subcommittee member

10/05- 08/08 SLCVAHCS MOVE! (Managing Obesity in Veterans Everywhere)

 Committee

2/05-8/08 SLCVAHCS Patient and Family Education Committee

1/07- 4/07 Healthier U.S. Veterans *getting started with*

 *Exercise* video Curriculum Development group

10/06- 10/08 Utah Diabetes Education Steering committee

 Committee member

11/03- 4/05 Utah Department of Health/ Diabetes alliance

 Diabetes Prevention Working Group

 Chairperson

**Current memberships in professional societies:**

 American Medical Informatics Association

 Society for Behavioral Medicine

**Funding:**

Current Support

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| CRE 12-321  Weir (PI) | 02/01/2013 - 01/31/2017 |
| Veterans Affairs Health Services Research & Development |    |

CREATE: Providing Cognitive support for Nurse’ medication management Tasks.Major Goals: Our goal is to address one of the common adverse drug events (ADE), which is an acute change in mental status, including delirium, somnolence and psychosis. Communication processes will be evaluated and development of a predictive model will influence therapeutic decision-making.Role: Co-InvestigatorPPO 13-113-1 Zeng (PI) 12/01/2013- 11/30/2014Veterans Affairs Health Services Research & DevelopmentCognitive Support for Shared Decision Making Using Veterans Like MeMajor Goals: The overarching goal of this pilot project is to enhance shared decision-making between Veterans and healthcare providers. The aims of this pilot are to analyze the SDM needs of Veterans with atrial fibrillation (AF) in the context of anticoagulation therapy decisions; create a mockup design for visual displays and vignettes to communicate outcomes of interest to Veterans with AF; and conduct an uncontrolled open trial of the mockup VLMe to assess acceptability, feasibility and safety.Role: Co-Investigator

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| N/A  Nebeker (PI) | 10/01/2011 - 09/30/2014 |
| U.S. Department of Veterans Affairs |    |

Veteran Centric Healthcare Model Geriatrics and Extended Care ServicesThe major goal of this project is to exchange the VA plan of care with community home health providers through Nationwide Healthcare Information Network. This project will also lay the groundwork for a new care planning solution in VHA that will interoperate with community providers.Role: Co-investigator |

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| OIA hi2  Graham (PI) | 10/01/2011 - 09/30/2014 |
| Veterans Health Administration Office of Informatics And Analytics |    |

VA Transformational Initiative #16, Transforming Health Care Delivery through Health InformaticsMajor Goals: The Health Informatics Initiative is a foundational component for VHA’s transition from a medical model to a patient-centered model of care. Build a sustainable collaborative approach, capacity, and tools to deliver informatics solutions to transform health care delivery to Veterans.Role: Subject Matter Expert |

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Pending Support

Pilot #3366 Gibson (PI)

Veterans Affairs Health Services Research & Development

Characterization of Veterans Information Needs for Diabetes Self-Management

Major Goals: This study will assess the needs of veterans with T2DM as they progress through diabetes education and address their needs using VHA's electronic resources. The aims of this study are to: 1.Characterize the expressed information and behavior change needs of veterans with diabetes as they participate in diabetes education. 2. Develop computerized simulations to address the identified needs

Role: Principal Investigator

Pilot #3397 Weir (PI)

Veterans Affairs Health Services Research & Development

Assessing Nurses‘ Medication Information Needs

Major Goals: The goals of this pilot are to inform the design of decision support in CPRS, to build an evaluation model to assess the effectiveness of Info Buttons and to provide the foundation for a future IIR focused on identifying the gaps in cognitive support for nurses in inpatient settings and designing interventions to fill the gap.

Role: Co-Investigator

Completed Support (selected)

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| 00041787  Gibson (PI) | 04/01/2010 - 06/30/2013 |
| University of Utah |    |

Development of a Predictive Model of Blood Glucose Responses to Exercise in Individuals with Type II Diabetes. (Salt lake City Veterans affairs healthcare system.)Major Goals: To develop and validate a predictive model of acute glucose response to exercise in individuals with type 2 diabetes.Role: Principal Investigator |

Peer reviewed articles:

Butler JM, Carter M, HaydenC, **Gibson B**, Weir CR, Snow L, Morales J, Smith A, Bateman K, Gundlapalli AV, Samore M, Understanding Adoption of a Personal Health Record in Rural Health Care Clinics: Revealing Barriers and Facilitators of Adoption including Attributions about Potential Patient Portal Users and Self-reported Characteristics of Early Adopting Users. AMIA Annu Symp Proc. 2013

Weir C, Drews F, Butler J, Barrus R, Jones M, **Gibson B**, Nebeker JR. Support for contextual control in primary care: a qualitative analysis. AMIA Annu Symp Proc. 2013.

**Gibson B**, Colberg S, Poirier P, Vancea D, Jones J, Marcus R: Development and Validation of predictive model of acute glucose response to exercise in individuals with type 2 diabetes *Diabetology & Metabolic Syndrome* 2013;5(33):1758-5996

**Gibson B**, Marcus R, Staggers N, Jones J, Samore M, Weir C. Efficacy of a Computerized Simulation in Promoting Walking in Individuals with Diabetes J Med Internet Res. 2012; 14(3): e71.

**Gibson B**, Weir C. Development and Preliminary Evaluation of a Simulation-Based Diabetes Education Module AMIA. Annu. Symp. Proc. 2010;Nov 13:246-50.

Submitted articles:

**Gibson B**, Butler J, Zirkle M , Hammond K, Weir C,Foraging for Information in the EHR: The Search for Adherence Related Information by VHA Mental Health Clinicians *Submitted to International Journal of Medical Informatics. 02/26/2014*

Gundlapalli AV, Redd D, **Gibson B**, Carter M, Korhonen C, Nebeker J, Samore M, Zeng-Treiltler QExploring the Value of Free Text Queries for Patient Cohort Identification Using Electronic Medical Records. *Submitted to BMC Health Services Research 2/5/14*

Hamid T, **Gibson B**, et al. Public and Health-Professionals’ Misconceptions about Dynamics of Weight Gain/Loss. *Submitted to Systems Dynamics Review 2/17/14*

Book chapters:

**Gibson B.** Personal Health Records. In: Staggers N, Nielsen R, editors. Informatics for Health Practitioners: An Interprofessional Approach. New York Elsevier Press 2013.

Poster Presentations (selected):

August 2009 Usability Testing in a Resource Stressed PHIN, Atlanta, GA. Environment: A Model for Public Health System Testing

May 2009 An Evaluation of the Utah Spring AMIA, Orlando, Fla.

 Injury Reporting System

Oral Presentations (selected):

March 2013 A Conceptual Framework for Society for Behavioral

Consumer Health Informatics Medicine,

Applications San Francisco, CA

June 2011 Evaluation NLM Informatics

 of a Simulation-Based Behavior Training Meeting Change Intervention Bethesda, MD

November 2010 Development and Preliminary Evaluation AMIA

 of a Simulation-Based Diabetes Washington, D.C.

 Education Module