

**CURRICULUM VITAE**  
**University of Pittsburgh**  
**School of Medicine**

**BIOGRAPHICAL**

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**Citizenship:** USA

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**EDUCATION and TRAINING**

**UNDERGRADUATE:**

1997-1990	Median School of Allied Health, Pittsburgh, PA	Associate	Orthotics & Prosthetics
1990-1993	Point Park University Pittsburgh, PA	B.S.	Health Services

**GRADUATE:**

1995	Northwestern University Chicago, IL	Graduate Certificate	Prosthetics
1996-2013	De La Torre Pittsburgh, PA	1997	Residency
2013 -2015	Benchmark, O&P Washington, Pa		Senior Prosthetist

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## APPOINTMENTS and POSITIONS

### ACADEMIC:

2016-2018	University of Pittsburgh, School of Health and Rehab Science Department of Rehab Science and Technology	Adjunct Faculty
2018- present	University of Pittsburgh, School of Health and Rehab Science Department of Rehab Science and Technology	Faculty, Lead Instructor Prosthetics

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## CERTIFICATION and LICENSURE

### Certified Prosthetist:

American Board of Certification 1999-present

### Certified Fitter of Orthotics:

American Board of Certification 2001-present

### Pennsylvania State Licensure:

Commonwealth of Pennsylvania Department  
Of State Bureau of Professional and Occupational Affairs 2013-present

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## MEMBERSHIP in PROFESSIONAL and SCIENTIFIC SOCIETIES

American Academy of Prosthetics and Orthotics 2017-present

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## HONORS AND AWARDS

Adjunct Faculty of the Year 2017

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## PROFESSIONAL ACTIVITIES

### TEACHING

#### Current teaching administration:

- Program Director, Sara Peterson: 2015-present

#### Current teaching activity (Graduate School):

- Course – HRS 2883: Transtibial Prosthetics (5.0 credits)
- Dates of Course – Spring 2018
- Number of Students – 24
- Type of Students – Graduate
- Number of lectures – 14
- Contact Hours – 19
  
- Course – HRS 2885: Transfemoral Prosthetics (3.0 credits)
- Dates of Course – Summer 2018
- No. of students – 24
- Type of Students – Graduate
- Number of lectures – 12
- Contact Hours – 19
  
- Contact Hours – Course – HRS 2991 (1.0 credits)
- Dates of Course – Summer 2018
- Number of Students – 24
- Type of Students – Graduate
- Number of lectures – 0
- Contact Hours – 0

#### OTHER TEACHING ACTIVITY:

##### Supervision of students

Monica Burdette	Graduate Student	2017- present
Shyann Christian	Graduate Student	2017- present
Caitlin Holmes	Graduate Student	2017- present
Timothy Kramer	Graduate Student	2017- present
Charles Noble	Graduate Student	2017- present
Jessica Thomas	Graduate Student	2017- present

## **RESEARCH:**

### **GRANTS**

*Current Grant Support*

**04/01/2018-12/31/2018: National Science Foundation,**

Grant No. SBIR 17-544                      Role in Project: Staff                      Years: 1

Funding: Total-\$225,000;

Grant Title: Real-time, on-board prosthetic limb alignment and monitoring system

The main goal of this proposal is to quantify the comfort of alignment through a monitoring system.

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### **OTHER RESEARCH RELATED ACTIVITIES**

#### **Capstone Mentor:**

Adaptive Sports: Custom Hand Cycling Glove for the Partial Hand Amputee                      05/2017-04/2018

Comparative Funtionality of 5XA and 3D Printed Terminal Devices                      04/2017-05/2018

Strength Training and Rehabilitation Devices for Upper and Lower Limb Amputees                      01/2018-present

#### **Project Advisor:**

Adaptive Sports: Swimming Socket with Fin for the Transfemoral Amputee                      02/2018-present

### **Lists of Current Research Interests**

Comfort and Function of Prosthetic Sockets

### **SERVICE:**

#### **UNIVERSITY AND MEDICAL SCHOOL**

**Member, Prosthetic and Orthotic Program Advisory Committee**                      2016-present  
University of Pittsburgh, MSPO