# CURRICULUM VITAE

**University of Pittsburgh School of Medicine**

**BIOGRAPHICAL**

**Name:** Robert Maguire **Birth Date:** March 12, 1953

**Home Address:** 2600 Henderson rd. **Birth Place:** Pittsburgh, PA

White oak, PA 15131

**Home Phone:** (412) 673-2882 **Citizenship:** USA

**Office Address:** 6425 Penn Ave, Suite 403 **Email:** [rom70@pitt.edu](mailto:smonga@pitt.edu) Pittsburgh, PA 15206

**Business Phone:** (412) 624-1126 **Fax:** (412) 648-1916

**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 |
| 1996-1997 | De La Torre Pittsburgh, PA | 1997 | Residency |

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| --- | --- | --- |
| **ACADEMIC:** | **APPOINTMENTS and POSITIONS** |  |
| 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 |

**CERTIFICATION and LICENSURE**

**Certified Prosthetist:**

American Board of Certification 1999-present

# Certified Fitter of Orthotics:

American Board of Certification 2001-present

**Pennsylvania State Lisensure:** 2013-present

Commonwealth of Pennsylvania Department

Of State Bureau of Professional and Occumpational Affairs

# MEMBERSHIP in PROFESSIONAL and SCIENTIFIC SOCIETIES

American Academy of Prosthetics and Orthotics 2017-present

# HONORS AND AWARDS

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| --- | --- |
| Adjunct Faculty of the Year | 2017 |

**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 |
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# 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