1137 W. Javelina Ave, Mesa, AZ   |   480-703-4374   |   raarce118@gmail.com

# Richard Arce

## Employment and Experience

**Banner Baywood/Banner Heart Hospital: Jan, 2009 – Oct, 2017**

**Rehab Tech**

- Monitor patient vital signs and heart rhythms during patient ambulation.
- Educate patients on surgical precautions and proper gait mechanics post-surgery.

**Foothills Sports Medicine: Dec, 2013 – Oct, 2017**

**Rehab Tech**

- Examine individual clients and create a program needed to strengthen deficiencies.
- Analyze patient mechanics and provide feedback as needed to ensure progress.

**Arizona Biomedical Collaborative: Oct, 2015 – Oct, 2017**

**Research Assistant**

- Gather and analyze data using OpenSim musculoskeletal models.
- Develop and test hypothesis for future abstracts and publications.

**Banner Sun Health Research Institute: Oct, 2017 – Present**

**Pathology Technician**

- Leads a rapid response autopsy team responsible for performing gross examinations, collecting human cadaver tissue, writing gross descriptions and processing tissues.
- Proficient in histotechniques such as tissue processing, sectioning, staining, and coverslipping.
- Proficient in molecular techniques such as single cell isolation and DNA extraction.

## Education

**Mesa Community College: Dec, 2009- May, 2013**

- Associates in Arts                                                3.0 GPA
- Associates in Science                                          3.0 GPA

**Arizona State University: Aug, 2013 – Dec, 2015**

- Bachelors in Kinesiology                                     3.5 GPA
- Continuing education in Nutrition, Microbiology, and Exercise Immunology.

## Certifications and Other Experience

**-Basic Life Support**
**-Approximately 100 observation hours of Cardiopulmonary rehab.**