

# WALKER GLASOE

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## Professional Experience

### Medical Engineering Consultants

Engineering consulting firm ~80 employees engaged in assignments specializing in remediation, best manufacturing practice and regulatory compliance stationed across the US and internationally. Headquartered in Miami FL

#### Cardiovascular Systems Inc. (CSI) – Process Development Engineer – August 2018 – Present

- Execution of manufacturing process and test method validation
- Review of QMS documents and policies pertaining to validation and process development

#### Medtronic - Manufacturing Engineer – June 2017 – August 2018

- Responsible for the implementation and execution of manufacturing process validation
- Expanding scope and re-executing existing validations for current products to cover remediated design requirements
- Overhauling current product manufacturing process

#### Boston Scientific - Manufacturing Engineer II – December 2015 – June 2017

- Utilized process expertise to drive continuous improvement projects through implementation of processes, design, and remediation activities.
- Directed implementation strategy for new processes
- Monitored manufacturing performance and provided support to manufacturing floor where necessary
- Consulted for risk (pFMEA) and design documentation
- Recipient of an annual "CEO Winning Spirit Award" for participation in meeting the 50% overall scrap reduction goal

#### Smith's Medical - Quality Engineer – March 2015 – December 2015

- Performed gap analysis between FDA required documentation and actual product/process documentation.
- Focused review of site validations (IQ, OQ, PQ, TMV, etc.), test methods, and quality systems
- Execution of validations, training of Quality Staff, and review. Review of Risk Management, DFMEA, PFMEA, Gage R&R, and Design History.

### St. Jude Medical

Satellite facility, sole producer of specialty plastics for us in pacing leads, located in Rogers, MN

#### Analytical Chemist – March 2014 – April 2015

- Executed Test method validation for routine sample testing
- Responsible for dynamic process monitoring using analytical techniques
- Managed replacement equipment and maintenance for production analytical instruments

### Augsburg College

Collaborative atmospheric chemistry focused lab, located in Minneapolis, MN

#### Research assistant – March 2010 – August 2013

- Designed a laminar flow system to characterize the nucleation of sulfuric acid clusters which are the main contributor to the cloud albedo effect
- Merged complimentary particle counting techniques to reveal size and chemical composition of clusters
- Mobilized and supervised analytical equipment for two different field studies
- Analyzed data from multiple locales and environments to show dependence of gaseous amines on cluster formation
- Presented results at the 2012 American Association for Aerosol Research conference

## Education

### Augsburg College

B.S. Chemistry – May 2013

## Publications

W. Glasoe, K. Volz, B. Panta, N. Freshour, R. Bachman, P. McMurray, C. Jen, D. R. Hanson "Sulfuric Acid Nucleation: an Experimental Study of the Effect of Seven Bases" 2014JD022730R, J. Geophysical Research. Published Mar 11, 2015

J.H. Zollner, W.A. Glasoe et.al. D.R. Hanson "Sulfuric acid nucleation: power dependencies, variation with relative humidity, and effect of bases" J. Atmos. Chem. And Phys. Published 16 May 2012

## Skills

- Equipment qualifications
- Gap analysis
- Operator training
- Regulatory compliance
- Analytical Chemistry Techniques
- Problem Solving
- Fluent in Spanish

**Awards:** *Boston Scientific CEO "Winning Spirit Award", Excellence in Research, 2013 Best in Show (watercolor piece), Sunquist Scholar, 2012 AAAR speaker, Chemistry Alumni Scholarship, Tri-Beta Honors Society, URGO 2010 Student Research.*

**Activities:** *VP Augsburg Martial Arts Club, URGO Research Symposium, Lewes DE and Ponca City OK Field Study*