

Name

Matthew Middione

Parent or Non-Parent:

Non-Parent

Skills and Talents

Having spent most of my life in school, I have experienced various education environments and feel I can help empower the youth in our area through Vista.

Experience and/or Employment:

I have served on the Vista board during the past term and am also involved in other local community efforts to enrich Southern Utah.

Why I am interested in serving as a board member for Vista School:

Vista is offering its students things I never had the opportunity to experience at the same age and I'd love to continue to be a part of these great efforts.

Area(s) of Expertise/Contributions I feel I can make to the Vista School Board:

I am an experienced Vista board member with a unique background which I feel can help Vista continue to grow.

Matthew Middione is a Research Scientist at Stanford University, working from his home in St. George, where he develops and tests new software applications for magnetic resonance imaging (MRI) machines. Prior to working at Stanford, he also worked at GE Healthcare for 4 years as a Scientist in the same field.

Matthew grew up in Fresno, California where he earned a B.S. in Biomedical Physics from California State University, Fresno. He later moved to Los Angeles and obtained a M.S. and Ph.D. in Biomedical Physics from University of California, Los Angeles. Following his graduate studies, he moved to San Jose, CA to start his career at GE. He relocated to the St. George in 2017 to be closer to his family. He is the proud father of two sons and an uncle to his one niece (hopefully all future Vista students). He and his wife are thoroughly enjoying their transition to Southern Utah and are happy to be closer to family (and out of California)!

In his free time Matthew enjoys working around the house, spending time with family, working on cars, watching sports and enjoying the beautiful St. George outdoors. He enjoys working with the teachers and staff at Vista. He feels the passion, fun and energy that surrounds Vista and it is something the entire Vista community should be very proud of!

MATTHEW J. MIDDIONE

SCIENTIST SEEKING CHANGE



[✉ MattMiddione@gmail.com](mailto:MattMiddione@gmail.com)



SUMMARY

I have 8+ years of experience with MRI, including pulse sequence programming and data acquisition, reconstruction and processing. In addition to these technical skills, I have experience with research collaboration leading to new product development and integration. I'm currently seeking a role change that leverages my technical skills to better satisfy the needs of customers.

EXPERIENCE

Scientist, MR Applications & Workflow

GE Healthcare

📅 Sept 2013 - ongoing

- Cultivated strong research collaborations with 10+ research institutions to expand the research breadth of GE MRI around the world.
- Converted a prototype sequence into a full product offering for both HyperBand Diffusion and fMRI, offering customers reduced scan time for these applications.
- Designed the acquisition, reconstruction, and data handling for all GE sites involved in a landmark NIH funded study of adolescent brain development.

EDUCATION

Biomedical Physics Ph.D.

University of California, Los Angeles

📅 Aug 2008 - Sept 2013

Biomedical Physics M.S.

University of California, Los Angeles

📅 Aug 2008 - Dec 2011

GPA
3.87 / 4.0

Biomedical Physics B.S.

California State University, Fresno

📅 Aug 2005 - May 2008

GPA
3.67 / 4.0

TECHNICAL TOOLS

Programming

EPIC

Ox

C/C++

IDEA

HTML

PHP

jQuery

Computing

OSX

PC

Linux

Processing

FSL

OsiriX

Matlab

Applications

Photoshop

Office

PASSIONS

Family

Technology

Fulfilling Customer Needs

Financial Planning

Sports

Learning

TOP SKILLS

Organization



Communication



Innovation



Dedication



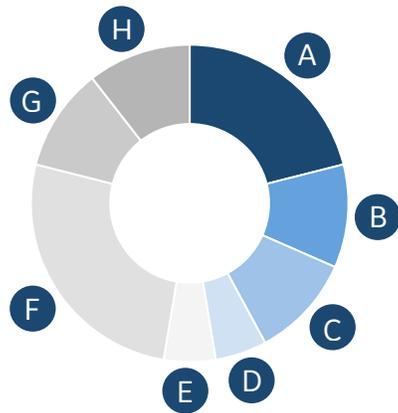
Presentation



Loyalty



HOW I SPEND MY TIME



- A Programming MRI sequences
- B Meeting with collaborators
- C Meeting with team members
- D Acquiring MR images
- E Analyzing MR images
- F Spending time with family
- G Learning new things
- H Watching and playing sports

AWARDS

GE Healthcare Above and Beyond

- Customers Determine our Success (2x winner)
- Deliver Results in an Uncertain World
- Learn and Adapt to Win
- Stay Lean to go Fast

International Society of MR in Medicine

- W.S. Moore Young Investigator Award Winner
- Magna Cum Laude Award

University of California, Los Angeles

- Top Speaker prize at annual research colloquium

California State University, Fresno

- Outstanding Undergraduate Physics Student
- Ward & Oma T Miles Memorial Scholarship
- Undergraduate Research Scholarship
- Summer Internship Scholarship
- President's List
- Dean's List

MOST PROUD OF



Graduated

with a B.S. in 3 years



Awarded

ISMRM Young Investigator Award



Earned

the first Ph.D. of my family



Published

5 articles and 24 abstracts



Finished

my academic career debt free

WORDS I LIVE BY

Begin with the end in mind.

- Joseph Middione Jr.

Never underestimate the power of your influence.

- John Baxter

Measure twice, cut once.

- Alistair MacLeod

There are those that look at things the way they are, and ask why? I dream of things that never were, and ask why not?

- Robert F. Kennedy