

# Brian Quaranto

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## Education

2011	Bachelor of Science <b>Biology &amp; Philosophy</b> , GPA 3.53 Boston College Chestnut Hill, MA	2007	Canisius High School Buffalo, NY
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## Work Experience

<b>Medical Scribe</b> ScribesSTAT, Inc. Boston, MA August 2011 - Present	Working for a group of 16 physicians in the Beth Israel Deaconess Medical Center Emergency Department, <ul style="list-style-type: none"><li>Completed electronic medical record entries in real time during patient visits of all acuity</li><li>Became skilled in taking patient histories using detailed medical terminology</li><li>Promoted to train new scribes on how to document physical examination findings and write medical decision making notes</li></ul>
<b>Research Analyst</b> DeltaQuest Foundation Concord, MA July 2010 - Present	Working with Dr. Carolyn Schwartz and an international team of colleagues, <ul style="list-style-type: none"><li>Performed psychometric statistical analyses investigating the construct validity, responsiveness, and interpretation of a disability-specific multiple sclerosis patient-reported symptom experience measure</li><li>Used self-reported health-related quality of life survey data to understand the mechanisms of recalibration and reprioritization response shift in patients undergoing lumbar decompression surgery</li><li>Described novel relationships between cognitive reserve and patient-reported health, well-being, and symptom experience in multiple sclerosis</li><li>Other roles: grant preparation, data collection, qualitative data coding, data management</li></ul>
<b>Clinical Research Assistant</b> Foundation for Orthopedic Spine Research Boston, MA September 2009 - July 2010	Working with Dr. Carolyn Schwartz and Dr. Paul Glazer at the Spine Center at Beth Israel Deaconess Medical Center, <ul style="list-style-type: none"><li>Recruited spine surgery candidate patient participants in clinic into an online health-related quality of life registry</li><li>Investigated the relevance of lifestyle and attitudinal factors to spine surgery patient reported outcomes</li><li>Demonstrated gender-specific relationships mediate the linkage between physical, economic, and emotional resources with altruism in patients who underwent spinal surgery</li></ul>
<b>Pharmacy Technician</b> Rite Aid Pharmacy Niagara Falls, NY Summer 2009 & Summer 2008	Working with a team of pharmacists and other technicians, <ul style="list-style-type: none"><li>Directly provided service to patients and served as a checkpoint for reducing medical errors</li><li>Learned names, functions, common indications, and common interactions for dozens of pharmaceuticals as well as appropriate dispensing practices</li><li>Handled data entry, filled new prescriptions, billed insurance companies, and completed HIPAA training</li></ul>
<b>Technology Department Intern</b> Canisius High School Buffalo, NY June 2005 - May 2007	<ul style="list-style-type: none"><li>Maintained the integrity of the school's network consisting of over 300 computers and 1000 users</li><li>Performed routine PC hardware maintenance tasks and troubleshooted users' software tickets</li><li>Researched and installed remote-access terminals in every classroom for teacher use.</li></ul>

## Skills

### Scribe-related

- Emergency medicine terminology
- Taking patient histories
- Documenting physical exams
- Communication of significant lab results
- Writing MDM and SOAP notes

### Computer skills

- Stata
- MS Excel
- MS Word
- MS PowerPoint
- HTML5/CSS
- XP/7/OSX/Unix
- Adobe Photoshop
- PC Hardware Maintenance

### Statistical programming

- Data Management
- Basic Descriptive Analyses
- Factor Analysis
- Principal Component Analysis
- Logistic Regression
- Hierarchical Multivariate Regression Modeling
- Mixed and Random Effects Modeling

### Some experience

- Spanish
- MS Access
- Java
- C++
- SPSS

### Currently learning:

- Ruby on Rails
- R

## Publications

### A. Original Articles

- Schwartz CE, **Quaranto BR**, Samaha E, Kahn-Woods M, Glazer PA. Relevance of lifestyle and attitudinal factors to spine surgery outcomes: Empirical results on a heterogeneous sample. *Surgical Science*, 2011 1:2(121-126). DOI:10.4236/ss.2011.23024
- Schwartz CE, **Quaranto BR**, Bode RK, Finkelstein JA, Glazer PA, Sprangers MAG. Doing good, feeling good, and having more: Resources mediate the health benefits of altruism differently for males and females with lumbar spine disorders. *Applied Research in Quality of Life*, 2012 7:2(1-17). DOI:10.1007/s11482-012-9165-y
- Schwartz CE, Bode RK, **Quaranto BR**, Vollmer T. The symptom inventory disability-specific short-forms for multiple sclerosis: Construct validity, responsiveness, and interpretation. *Archives of Physical Medicine and Rehabilitation*, 2012 93:9(1617-1628). DOI:10.1016/j.apmr.2012.01.012
- Schwartz CE, Snook E, **Quaranto BR**, Benedict RHB, Rapkin BD, Vollmer T. Cognitive reserve and appraisal in multiple sclerosis. *Multiple Sclerosis and Related Disorders*, 2013 2:1(36-44). DOI:10.1016/j.msard.2012.07.006

5. Schwartz CE, Snook E, **Quaranto BR**, Benedict RHB, Rapkin BD, Vollmer T. Cognitive reserve and patient reported outcomes in multiple sclerosis. (*Multiple Sclerosis Journal* 2012, in press) DOI:10.1177/1352458512444914

## B. Reviews, Chapters, and Editorials

1. Schwartz CE, **Quaranto BR**, Grey K. Altruism and health: Theoretical perspectives. In: Efklides, A. and Moraitou, D. (Eds.) *A Positive Psychology Perspective on Quality of Life*. New York, Springer. In press, anticipated publication November 2012.

## Abstracts

1. Glazer PA, Schwartz CE, **Quaranto BR**. Significant explained variance in spine surgery outcomes by novel behavioral and attitudinal factors. American Academy of Orthopaedic Surgeons Conference 2010, New Orleans, LA, USA.
2. Finkelstein J, Kallen M, **Quaranto BR**, Rapkin BD, Schwartz CE. Response shift in people awaiting spine surgery: Investigating quality of life using mixed methods. 2011. International Society for Quality of Life Research (ISOQOL) Conference 2011, Denver, CO, USA.
3. **Quaranto BR**, Healy B, Vollmer T, Benedict RHB, Schwartz CE. Cognitive reserve and symptom experience in multiple sclerosis: A buffer to disability progression over time? European Committee on Treatment and Research in Multiple Sclerosis (ECTRIMS) Conference 2012, Lyon, France.
4. Sajobi TT, Lix LM, **Quaranto BR**, Finkelstein JA, Schwartz CE. Effect of missing data on relative importance measures for response shift detection: An example from an orthopedic population. International Society for Quality of Life Research (ISOQOL) Conference 2012, Budapest, Hungary.
5. Schwartz CE, Sajobi TT, Lix LM, **Quaranto BR**, Finkelstein JA. Changing values, changing outcomes: The influence of reprioritization response shift on outcome assessment after spine surgery. International Society for Quality of Life Research (ISOQOL) Conference 2012, Budapest, Hungary
6. Schwartz CE, Vollmer T, Rapkin BD, Snook E, **Quaranto BR**. Cognitive reserve: An important emerging construct for quality-of-life research. International Society for Quality of Life Research (ISOQOL) Conference 2012, Budapest, Hungary

## Community Service

### Trip Leader

Appalachia Volunteers  
Boston College  
Lynchburg, SC  
Spring Break 2011

Leading a group of 13 undergraduate students,

- Participated in weekly meetings to discuss socioeconomic disparities within the United States, their causes, and solutions
- Traveled to Lynchburg, SC for a week-long service trip where we assisted the local community and witnessed these inequalities
- Designed and implemented group reflections and team building exercises

### Arrupe International Solidarity Program

Boston College  
Chestnut Hill, MA  
May 2009 - May 2010

Accompanied by student-leaders, 12 peers, and local contacts,

- Spent one year researching the history of injustice faced by the native peoples of Guatemala, culminating in a week-long immersion trip to Guatemala to learn and experience this history first-hand.
- Home-stayed in Santa Anita la Union, a rural Guatemalan former-guerrilla fair trade coffee plantation where we worked by day and learned about the effects of globalization by night
- Follow-up from our group has included establishing a scholarship fund for the children of Santa Anita and discussing the impact of the Guatemalan civil war at the *No Alcanza* forum at Tufts University

### Trip Participant

Appalachia Volunteers  
Boston College  
Roanoke, VA  
Spring Break 2009

Accompanied by student-leaders, 10 peers, and local contacts,

- Attended weekly meetings where we examined social and economic structures of inequality in America
- Culminated in a week-long service trip to Roanoke, VA where we worked with the local community at to clean up local elementary schools, churches, and a homeless shelter

### Resident Assistant

Symphony Shared Living  
Boston, MA  
September 2008 - May 2009

- Provided daily living assistance (12-16 hours weekly) and held meaningful, eye-opening conversations with residents of a housing-first transition program for previously homeless men and women with HIV/AIDS.
- Reflected on these volunteer field experiences through the framework of a year-long philosophy and theology course

### 1-on-1 Tutor

Boston College  
Neighborhood Center  
Chestnut Hill, NY  
December 2008 - May 2009

- Tutored a high school freshman from a Boston inner-city school twice weekly after school in math and science

### Volunteer Information Assistant

DeGraff Memorial Hospital  
N Tonawanda, NY  
June 2005 - June 2007

- Assisted in patient care by transporting patients between departments, carrying samples to the lab, and escorting patients out of the hospital during discharge