

Brian Quaranto

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Current Address	116 Washington St #56, Brighton MA 02135
Date & Place of Birth	5 October 1989, Buffalo NY

Education

2011	Bachelor of Science Biology & Philosophy , GPA 3.53 Boston College Chestnut Hill, MA	2007	Canisius High School Buffalo, NY
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Work

Research Assistant

DeltaQuest Foundation
Concord, MA
July 2010 - Present

Working with Dr. Carolyn Schwartz and an international team of colleagues,

- Performed psychometric statistical analyses investigating the construct validity, responsiveness, and interpretation of a disability-specific multiple sclerosis patient-reported symptom experience measure
- 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
- Described novel relationships between cognitive reserve and patient-reported health, well-being, and symptom experience in multiple sclerosis
- Other roles: grant preparation, data collection, qualitative data coding, data management

Medical Scribe

ScribesSTAT, Inc.
Boston, MA
August 2011 - Present

Working for a group of 16 physicians in the Beth Israel Deaconess Medical Center Emergency Department,

- Completed electronic medical record entries in real time during patient visits of all acuity
- Became skilled in taking patient histories using detailed medical terminology
- Promoted to train new scribes on how to document physical examination findings and write medical decision making notes

Clinical Research Assistant

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,

- Recruited spine surgery candidate patient participants in clinic into an online health-related quality of life registry
- Investigated the relevance of lifestyle and attitudinal factors to spine surgery patient reported outcomes
- Demonstrated gender-specific relationships mediate the linkage between physical, economic, and emotional resources with altruism in patients who underwent spinal surgery

Pharmacy Technician

Rite Aid Pharmacy
Niagara Falls, NY
Summer 2009 & Summer
2008

Working with a team of pharmacists and other technicians,

- Directly provided service to patients and served as a checkpoint for reducing medical errors
- Learned names, functions, common indications, and common interactions for dozens of pharmaceuticals as well as appropriate dispensing practices
- Handled data entry, filled new prescriptions, billed insurance companies, and completed HIPAA training

Technology Department

Intern
Canisius High School
Buffalo, NY
June 2005 - May 2007

- Maintained the integrity of the school's network consisting of over 300 computers and 1000 users
- Performed routine PC hardware maintenance tasks and troubleshooted users' software tickets
- Researched and installed remote-access terminals in every classroom for teacher use.

Publications

A. Original Articles

1. 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
2. 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
3. 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
4. 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:10.1177/13524w58512444914

Abis. Manuscripts under review or in preparation for peer-reviewed publication

1. Steinerman JR, Lipton RB, Rapkin BD, **Quaranto BR**, Schwartz CE. Technophilia and openness to research participation in an aging community. (Under review @ *Gerontechnology*)
2. Finkelstein JA, **Quaranto BR**, Schwartz CE. Threats to the internal validity of spinal surgery outcome assessment: Recalibration response shift or implicit theories of change? (Under review @ *Applied Research in Quality of Life*)
3. Schwartz CE, Sajobi TT, Lix LM, **Quaranto BR**, Finkelstein JA. Changing values, changing outcomes: The influence of reprioritization response shift on the measurement of outcome of spinal surgery. (Under review @ *Quality of Life Research*)
4. Schwartz CE, **Quaranto BR**, Healy B, Benedict RHB, Vollmer T. Altruism and health outcomes in multiple sclerosis: The effect of cognitive reserve. (Under review @ *Journal of Positive Psychology*)
5. Schwartz CE, **Quaranto BR**, Healy B, Benedict RHB, Vollmer T. Cognitive reserve and symptom experience in multiple sclerosis: A buffer to disability progression over time? (Under review @ *Archives of Physical Medicine and Rehabilitation*)

6. Sajobi TT, Lix LM, Schwartz CE, **Quaranto BR**, Finkelstein JA. Relative importance measures for response shift detection in incomplete longitudinal data: An example from an orthopedic population. (Under review @ *Health and Quality of Life Outcomes*)
7. Schwartz CE, **Quaranto BR**, Rapkin BD, Vollmer T, Sprangers MAG. Fluctuations in appraisal over time in the context of stable health. (Manuscript in preparation)
8. Schwartz CE, **Quaranto BR**, Rapkin BD, Vollmer T, Sprangers MAG. Cognitive reserve and fluctuations in appraisal over time. (Manuscript in preparation)
9. Rapkin BD, Ryniker L, Morgenstern B, **Quaranto BR**, Schwartz CE. User Manual for the Quality of Life Appraisal Profile. (Manuscript in preparation)
10. Lounsbury DW, Vega C, **Quaranto BR**, Hirsch GB, Schwartz CE, Understanding social forces involved in health disparities: A systems science approach to quality-of-life research. (Manuscript in preparation)
11. Finkelstein JA, **Quaranto BR**, Schwartz CE. Objective versus subjective clinical outcomes in lumbar spine surgery. (Manuscript in preparation)

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*. 2013, Springer Netherlands, pp. 107-124.

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. 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. 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
5. 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

Conferences

2010 - Response Shift Think Tank, Cambridge MA
 2012 - Boston.io, Cambridge MA

Skills

High Proficiency

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

Statistical Methods

- 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
- Classification and Regression Tree (CART) Analysis
- Structural Equation Modeling (SEM)

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 team building exercises and group reflections on personal and social issues

Trip Participant

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 with former guerrillas who now own a 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
- Participated 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

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

Last Update: 11/25/2012
 Fresh copies @ [bquarant.github.com/cv](https://github.com/bquarant/cv)