



Brian R. Quaranto

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EDUCATION

2013 - present **M.D. candidate**, expected May 2017
State University of New York at Buffalo
Jacobs School of Medicine and Biomedical Sciences
Buffalo, NY

2007 - 2011 **B.S.**, Biology & Philosophy (double major)
Boston College
Morrissey College of Arts and Sciences
Chestnut Hill, MA

AWARDS

2016 **Stephen Besch Fellowship Award**
SUNY Buffalo Department of Biophysics
Faculty Advisor: Frederick Sachs PhD
Seed funding and lab space to develop prototype novel biophysical device

CLINICAL EXPERIENCE

2014 - present **Human Rights Initiative at the University at Buffalo**
Student Directors Board
Buffalo, NY | hribuffalo.org
Faculty Advisor: Kim Griswold MD MPH

- The Human Rights Initiative at UB (HRI) is a medical student-led organization that exists to meet the need for medical and psychiatric forensic evaluations of asylum seekers in Western New York.
- The HRI pairs licensed health care providers with trained medical students to assist in forensic documentation and legal affidavit preparation. To date, I have served as a medical scribe on 9 asylum cases.
- As a member of the Student Directors Board, my roles extend to include quality assurance, grant writing, fundraising, and technological infrastructure development.

Summer 2014 **SUNY Buffalo Office of Global Health Initiatives Externship**
Community Health Center of Buffalo
Buffalo, NY
Faculty Advisor: Rebecca Simons MD

- Conducted clinical interviews and physical examinations with the New Refugee Health Assessment team.
- Digitized and optimized the refugee latent tuberculosis screening program and trained staff on database maintenance.

2011 - 2013 **Medical Scribe Trainer**
ScribesSTAT, Inc. | Beth Israel Deaconess Medical Center Department of Emergency Medicine
Boston, MA
Faculty Advisors: Richard Wolfe MD, Peter Smulowitz MD

- Provided real-time medical transcription and documentation services in a busy, urban Level 1 trauma center.
- Promoted to Medical Scribe Trainer, responsible for instructing new scribes in medical terminology and efficient use of electronic medical records.

RESEARCH EXPERIENCE

2014 - 2015 **Research Assistant**
Roswell Park Cancer Institute | Department of Urology
Buffalo, NY
Principal Investigator: Eric Kauffman MD

- Reviewed cross-sectional imaging for cystic renal cell carcinoma patients undergoing partial or radical nephrectomy, characterized tumor histology and metastasis rates, and identified radiographic features predicting aggressive biology.

2010 - 2013 **Research Analyst**
DeltaQuest Foundation
Concord, MA
Principal Investigator: Carolyn Schwartz ScD

- Developed and analyzed patient-centered outcome tools and assessment methods for clinical applications.
- Contributed to the theoretical framework of longitudinal quality-of-life research through investigations of response shift and appraisal.
- Described the protective factors of cognitive reserve and altruism in health and illness.
- Participated in daily academic work including literature review, manuscript revisions, grant preparation, data management, and data visualization.

2009 - 2010

Clinical Research Assistant

Foundation for Orthopedic Spine Research

Boston, MA

Principal Investigators: Carolyn Schwartz ScD, Paul Glazer MD

- Recruited and followed patients undergoing lumbar spinal decompression surgery into prospective health-related quality of life registry studies investigating the relevance of lifestyle and attitudinal factors to patient-reported outcomes.

LEADERSHIP & TEACHING EXPERIENCE

2014 - 2015

Co-President, University at Buffalo Surgery Interest Group

Vice President for Legislation and Policy, University at Buffalo American Medical Association Chapter

Treasurer, University at Buffalo Physicians for Human Rights

Tutor, ANA500 Block 2: Abdomen & Thorax Anatomy

2013 - present

Service Learning Steering Committee, University at Buffalo JSMBBS Curriculum Conference

PUBLICATIONS

A. Peer-reviewed Articles

1. **Threats to the internal validity of spinal surgery outcome assessment: Recalibration response shift or implicit theories of change?**

Finkelstein JA, **Quaranto BR**, Schwartz CE

Applied Research in Quality of Life 2014, 9:2(215-232)

2. **Active cognitive reserve influences the atrophy cognition link in multiple sclerosis**

Booth AJ, Rodgers JD, Schwartz CE, **Quaranto BR**, Weinstock-Guttman B, Zivadinov R, Benedict RHB

Journal of the International Neuropsychological Society 2013, 19:10(1128-1133)

3. **Fluctuations in appraisal over time in the context of stable versus non-stable health**

Schwartz CE, **Quaranto BR**, Rapkin BD, Healy BC, Vollmer T, Sprangers MAG

Quality of Life Research 2013, 23:1(9-19)

4. **Cognitive reserve and symptom experience in multiple sclerosis: A buffer to disability progression over time?**

Schwartz CE, **Quaranto BR**, Healy B, Benedict RHB, Vollmer T

Archives of Physical Medicine and Rehabilitation 2013, 94:10(1971-1981)

5. **Changing values, changing outcomes: The influence of reprioritization response shift on the measurement of outcome of spinal surgery**

Schwartz CE, Sajobi TT, Lix LM, **Quaranto BR**, Finkelstein JA

Quality of Life Research 2013, 22:9(2255-2264)

6. **Factors associated with openness to research participation in an aging community: The importance of technophilia and social cohesion**

Steinerman JR, Lipton RB, Rapkin BD, **Quaranto BR**, Schwartz CE

Gerontechnology 2013, 11:4(504-512)

7. **Altruism and health outcomes in multiple sclerosis: The effect of cognitive reserve**

Schwartz CE, **Quaranto BR**, Healy B, Benedict RHB, Vollmer T

Journal of Positive Psychology 2013, 8:2(144-152)

8. **Cognitive reserve and patient reported outcomes in multiple sclerosis**

Schwartz CE, Snook E, **Quaranto BR**, Benedict RHB, Vollmer T

Multiple Sclerosis Journal 2013, 19:1(87-105)

9. **Cognitive reserve and appraisal in multiple sclerosis**

Schwartz CE, Snook E, **Quaranto BR**, Benedict RHB, Rapkin BD, Vollmer T

Multiple Sclerosis and Related Disorders 2013, 2:1(36-44)

10. **The symptom inventory disability-specific short-forms for multiple sclerosis: Construct validity, responsiveness, and interpretation**

Schwartz CE, Bode RK, **Quaranto BR**, Vollmer T

Archives of Physical Medicine and Rehabilitation 2012, 93:9(1617-1628)

11. **Doing good, feeling good, and having more: Resources mediate the health benefits of altruism differently for males and females with lumbar spine disorders**

Schwartz CE, **Quaranto BR**, Bode RK, Finkelstein JA, Glazer PA, Sprangers MAG

Applied Research in Quality of Life 2012, 7:3(263-279)

12. **Relevance of lifestyle and attitudinal factors to spine surgery outcomes: Empirical results on a heterogeneous sample**

Schwartz CE, **Quaranto BR**, Samaha E, Kahn-Woods M, Glazer PA

Surgical Science 2011, 1:2(121-126)

B. Book Chapters

1. **Altruism and health: Theoretical perspectives**

Schwartz CE, **Quaranto BR**, Grey K

A Positive Psychology Perspective on Quality of Life, Springer Netherlands 2013, pp. 107-124 [DOI]

Editors: Efklides, A and Moraitou, D

C. Abstracts and Posters

1. **A novel approach for identifying aggressive cystic renal cell carcinoma using solid volume score and enhancement**

Badkhshan S, Doshi C, **Quaranto BR**, Amin J, Georgalas N, Mungillo M, Creighton T, Hanzly M, Kauffman E
American Urological Association (AUA) Annual Conference 2015, New Orleans, LA, USA

2. **Cognitive reserve: An important emerging construct for quality-of-life research**

Schwartz CE, **Quaranto BR**, Benedict RHB, Vollmer T, Rapkin BD
International Society for Quality of Life Research (ISOQOL) Conference 2012, Budapest, Hungary

3. **Cognitive reserve and symptom experience in multiple sclerosis: A buffer to disability progression over time?**

Quaranto BR, Healy B, Vollmer T, Benedict RHB, Schwartz CE
European Committee on Treatment and Research in Multiple Sclerosis (ECTRIMS) Conference 2012, Lyon, France

4. **Appraisal processes in people awaiting spine surgery: Investigating quality of life using mixed methods**

Finkelstein J, Kallen M, **Quaranto BR**, Rapkin BD, Schwartz CE
International Society for Quality of Life Research (ISOQOL) Conference 2011, Denver, CO, USA

PROFESSIONAL MEMBERSHIPS

2016 - present	Society of Thoracic Surgeons (STS) Pre-Candidate Member
2013 - present	Physicians for Human Rights (PHR) Asylum Network
	Medical Society of the State of New York (MSSNY)
	American Medical Association (AMA)

Updated: 12/4/2016
bquarant.github.io/cv