



Brian R. Quaranto MD

🏠 Buffalo, NY
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EDUCATION

- 2017 - present
- General Surgery Residency**
Department of Surgery
State University of New York at Buffalo
Jacobs School of Medicine and Biomedical Sciences
Buffalo, NY
- 2019 - present
- MS, Biomedical Engineering (candidate)**
Department of Biomedical Engineering
State University of New York at Buffalo
Buffalo, NY
- 2013 - 2017
- MD**
State University of New York at Buffalo
Jacobs School of Medicine and Biomedical Sciences
Buffalo, NY
- 2007 - 2011
- BS, Biology & Philosophy**
Boston College
Morrissey College of Arts and Sciences
Chestnut Hill, MA

AWARDS

- 2019
- Medtronic / UB Surgery PLUS Engineering Scholarship**
UB Departments of Surgery and Biomedical Engineering
- 2017
- Buffalo Surgical Society Prize in Surgery**
UB Jacobs School of Medicine and Biomedical Sciences Graduation Honors Convocation
For achieving academic excellence in the clinical years
- Merck Academic Excellence Award**
UB Jacobs School of Medicine and Biomedical Sciences Graduation Honors Convocation
For outstanding academics coupled with noteworthy humanism and leadership
- UberPITCH Buffalo Finalist**
43North + Uber | dig Buffalo
Automito - scaling autologous mitochondrial transplantation for human clinical practice
- 2016
- Stephen Besch Fellowship Award**
SUNY Buffalo Department of Biophysics
Seed funding and lab space to develop prototype novel biophysical device

WORK

- 2019 - present
- SurgIno**
Co-Founder
Surgical Innovations Consulting Firm
Buffalo, NY
- 2019 - present
- TraumaCode**
Co-Founder
Immersive Virtual Reality for Advanced Trauma Resuscitation Simulation and Leadership Development
traumaco.de
Buffalo, NY

TEACHING

- 2019 - present
- Advanced Trauma Life Support (ATLS)**
Instructor
Faculty Advisor: Michael Chopko MD
- 2017 - present
- Top Gun Laparoscopic Skills Competition**
Trainer
Faculty Advisor: Butch Rosser MD FACS
- 2017 - present
- Resident Instructor, IMC 820: Transition to Internship**
4th Year Medical Students
Jacobs School of Medicine and Biomedical Sciences
University at Buffalo, The State University of New York

2017 - present	Workshop Instructor: Suturing Skills , IDM 621: Clinical Practice of Medicine 2 - Procedures Week 2nd Year Medical Students Jacobs School of Medicine and Biomedical Sciences University at Buffalo, The State University of New York <i>Faculty Advisor: Clarice Cooper MD FACS</i>
2016	Anatomy Lab Tutor , ANA 500: Gross Human Anatomy - Block 2: Abdomen & Thorax 1st Year Medical Students Jacobs School of Medicine and Biomedical Sciences University at Buffalo, The State University of New York <i>Faculty Advisor: John Kolega PhD</i>

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. Presentations

1. **Unilateral femur fracture: An indicator of significant systematic injury**
Quaranto BR and Flynn, W.
 New York State Committee on Trauma Resident Paper Competition 2018, Cooperstown, NY, USA
2. **A case report of laparoscopic management of thoracic abscess masquerading as a strangulated paraesophageal hernia**
 Nadeem, M, **Quaranto BR**, Schwaitzberg, S, Hoffman, A
 Society of Laparoendoscopic Surgeons Annual Meeting 2017, San Francisco, CA, USA

D. Abstracts and Posters

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

LEADERSHIP

2017 - Present	Information Technology Physician Advisory Committee , Erie County Medical Center Information Technology Subcommittee , University at Buffalo Department of Surgery Resident Leadership Committee
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
2013 - 2017	Service Learning Steering Committee , University at Buffalo JSMBS Curriculum Conference

CERTIFICATIONS

2019 - present	Advanced Trauma Life Support (ATLS) Instructor
2018 - present	Fundamental Use of Surgical Energy (FUSE)
2017 - present	Advanced Trauma Life Support (ATLS) Advanced Cardiac Life Support (ACLS) Basic Life Support (BLS)

PROFESSIONAL MEMBERSHIPS

2017 - present	American College of Surgeons (ACS) Society of Laparoendoscopic Surgeons (SLS) Buffalo Surgical Society
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: 8/17/2019
bquarant.github.io/cv