

# Audrey Wack

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## EDUCATION

### Boston University School of Medicine

*Medical Student*

Boston, MA

*August 2020 – May 2024*

### Boston University

*Major: Neuroscience, Minors: Visual Arts (CFA, Focused on Painting) and Chemistry*  
*Trustee Scholar Program | Kilachand Honors College | Cum Laude*

Boston, MA

*August 2016 – May 2020*

## SCHOLARSHIPS

- Romulus Scholarship, Western New York (2016)
- Trustee Scholarship, Boston University, four-year full tuition and fees for undergraduate (2016-2020)
- Edward A. Abbot Scholarship (Boston University School of Medicine)
- Samuel H. Wexler Scholarship (Boston University School of Medicine)
- 2022 Scholarship to the American Academy of Neurology Annual Meeting

## ARTICLES

- [One and done? The effect of number of Pipeline embolization devices on aneurysm treatment outcomes.](#) Waqas, Muhammad, Kunal Vakharia, Andrew D. Gong, Hamid H. Rai, **Audrey Wack**, Najya Fayyaz, Kenneth V. Snyder, Jason M. Davies, Adnan H. Siddiqui, and Elad I. Levy. *Interventional Neuroradiology* 26, no. 2 (2020): 147-155.
- [A Machine Learning Eye Movement Detection Algorithm using Electrooculography.](#) Dupre, Alicia E., Michael FM Cronin, Stephen Schmugge, Samuel Tate, **Audrey Wack**, Brenton R. Prescott, Cheyi Li et al. *Sleep* (2022).
- Impact of Remote Social Interaction During the COVID-19 Pandemic on Older Adults with and without Cognitive Impairment, *Journal of the American Geriatrics Society* (submitted)

## ABSTRACTS AND POSTERS

- **Abstract:** *Exploring Effects of Visual Based Activities Using DTI and Resting State Imaging* Audrey Wack , Ferdinand Schweser , Konstantinos Slavakis , Kathleen McNerney , Sarah Muldoon , Robert Milech , David Wack accepted to the Organization for Human Brain Mapping (OHBM) (2020)
- **Abstract:** *Resting State and DTI Imaging of Speech and Noise* David Wack , Kathleen McNerney , Konstantinos Slavakis , Sarah Muldoon , Ferdinand Schweser , Audrey Wack , Cheryl McGranor , Erin Kelly , Robert Milech accepted to the Organization for Human Brain Mapping (OHBM) Conference (2020)
- **Abstract:** *Beliefs about the COVID-19 pandemic, trust in government, and vaccine intention in individuals with cognitive impairment in the United States and Italy*, DeCaro R., Marin A., Vives Rodriguez A., Di Crosta A., Ceccato I., La Malva P., Schiloski K., Hajos G., Lahdo N.A., Donnelly K., Dong J., Kasha S., Rooney C., Dayaw J., Marton G., Wack A., Hanger V.A., Di Domenico A., Turk K.W., Palumbo R., Budson A. *Alzheimer's Association International Conference. Denver, USA. (2021)*
- **Abstract:** *Associations between misinformation around COVID-19 pandemic, severity of social isolation, and cognitive impairment.* Marin A., Vives Rodriguez A., DeCaro R., Di Crosta A., Ceccato I., La Malva P., Schiloski K., Hajos G., Lahdo N.A., Donnelly K., Dong J., Kasha S., Rooney C., Dayaw J., Marton G., Wack A., Hanger V.A., Di Domenico A., Turk K.W., Palumbo R., Budson A. *Alzheimer's Association International Conference. Denver, USA. (2021)*
- **Poster Presentation:** *Quantitative Oculography in Conscious Sleep Study and Comatose Subjects* accepted for poster presentation at American Academy of Neurology (AAN) Conference (2021). I contributed to work following submission to AAN, and I represented this project at the Kase Symposium at BUSM (2021)
- **Poster Presentation:** *Tutoring Writing in Neuroscience: A New Approach to Writing Tutoring* Boston University College of Arts and Sciences Symposium (2019)

## VISUAL ARTS

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- Visual arts lessons under Maryann Kammer: primarily working in oil on canvas, but also pastels, charcoal. Various visual arts courses through high school and college. Some works linked in [visual arts portfolio](#) (2007-2018)
- *Kurt Vonnegut*, portrait published in Speak Your Mind anthology (2015)
- *Ophelia's Requiem*, oil on canvas in Whorl:2020
- *Ophelia's Requiem*, oil on canvas displayed for Art@Sloane at Boston University (2020)
- *Illustrating Hitchhiker's Guide to the Galaxy – children's book illustrations corresponding to the novel by Douglas Adams*, Kilachand Honors College Keystone Project, Mentor: Richard Raiselis (2020)
- *An Inevitable Consciousness*, Accepted for the 2022 Gold Humanism Virtual Conference, hosted by the Gold Humanism Honor Society (2022)
- *An Inevitable Consciousness*, Featured in Organization for Human Brain Mapping Brain-Art Special Interest Group [twitter page](#)
- *Wacky Disco Birds* Presented at Boston University Art Days (2023)
- *Shovel Bird* Presented at Boston University Art Days (2023)
- *Lady in a Floral Robe* Accepted for presentation at Massachusetts Medical Society Arts, History, Humanities, and Culture Member Interest Network Nancy N. Caron Annual Art Exhibit (2023)
- Member of Society for Children's Book Writers and Illustrators
- Student Member of Boston Guild of Artists

## RESEARCH EXPERIENCE

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- Vascular Neurosurgery Research Assistant with Buffalo General Hospital/University at Buffalo Neurosurgery. Principal Investigator: Dr. Elad Levy MD MBA FACS FAHA (2018-2020)
- Human subjects research: Canon MRI Gradient Upgrade (consenting; administering visual/auditory tests and writing/administering surveys) for resting state MRI (2018-present) Principal Investigators: Dr. Robert Miletich MD PhD; Dr. David Wack PhD
- Research Assistant with the Alzheimer's Disease Center Principal Investigator: Dr. Andrew Budson MD (current)
- Research Assistant for neurocritical care research. Principal Investigator: Dr. Charlene Ong MD MPHS (BUSM) (current)

## EMPLOYMENT

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- Parkside Summer Arts Camp (PSAC), volunteer, intern, and employee for the Parkside Association, Buffalo, NY (2010-2016)
- Employee at University at Buffalo Nuclear Medicine Department working with patient files for research database working for Dr. Miletich M.D., Ph.D. (2017-2018)
- Department of Neuroscience Writing Tutor at Boston University (2019-2020)
- Buffalo ENT Medical Scribe for Dr. Samuel Reyes, M.D., PhD. (2019-2020)
- Other Side of the Bed Program at the West Roxbury VA (May 2021-July 2021)
- Peer Tutor for Prism Medical Neuroscience and Respiratory System Boston University School of Medicine (2021)

## SERVICE

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- Volunteer at Veterans Administration Western New York Healthcare System (VAWNYS) ER Department and No Veteran Dies Alone (Hospice) section (2018-2019)
- Hospice volunteer (Buffalo, NY) (2018-2019)
- College AppAssist Mentor at Boston University (2019-2020)
- DIRE (Domestic and International Relief Efforts) – student community service group (spring 2018)
- Fit4You at BUSM (2020-2021)
- Homeless Health Immersion Experience at BUSM (current)
- Socially Responsible Surgery Service Learning Program at BUSM (2020-2022)
- ArtSpace at BUSM (2021)
- BUCAI (Boston for Adult Immunization) at BUSM (2020-2022)
- Parkinson's Partners at BUSM (2020-2021)
- Medical Students for Choice (MSFC) and Student Partnership for Reproductive Choice (SPaRC) advocacy and service learning project groups (2021-2022)
- Association of Women in Surgery at BUSM mentor (2020-2022)

## MEDICAL SCHOOL LEADERSHIP

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- Student Interest Group in Neurology (SIGN) co-leadership (2022)
- Brain Enrichment Program (BEP) co-leadership at BUSM (2022)
- BUCAI (Boston for Adult Immunization) co-leadership at BUSM (2022)

## MEDICAL EXTRACURRICULAR

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- Representative for Western New York region in the National Brain Bee Challenge Baltimore, Maryland (2016)
- Narrative Medicine at BUSM Enrichment Course (2020)
- CLEAR (Creating Leadership and Education Against Racism) at BUSM Enrichment Course and also part of the Vertical Integration Group Extension to review Doctoring 1 materials (2021)
- SHaM (Sexual Health and Medicine) at BUSM Enrichment Course (2020-2021)
- Students for a National Healthcare Program at BUSM member (2020-2021)
- Medical Spanish Enrichment course (2020-2021)
- Alzheimer's Ambassadors Program at Boston University (2020-2021)
- Surgical Enrichment Series (2020-2022)
- Clinical Neuroscience Society and associated book club (2022)
- Leadership and Innovation in Medicine and Business Elective at BUSM (2021)
- American Medical Women's Association (AMWA) BUSM (2020-present)
- Member of the Massachusetts Medical Society and American Medical Association

## OTHER EXTRACURRICULAR

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- Running: High School XC Captain 2014 and 2015 seasons and Varsity 2012-2016 at Buffalo Academy of the Sacred Heart. Indoor track distance events (2012); Outdoor track distance events (2012-2016). Running club at Boston University (2016-2017).
- Book Club leader at Buffalo Academy of the Sacred Heart (2015-2016); attended many book club sessions with the Trustee Scholar Program at Boston University (2016-2020)