

LUISA (VESELY) SOLIS-COHEN

3240 S DEXTER ST • DENVER, COLORADO 80222 • 845.706.9882
SOLISCOHEN@CONEURODIAGNOSTICS.COM

Education:

2002-2006	BS Summa cum laude Phi Beta Kappa	Neuroscience	Brandeis University
2008-2012	MD Alpha Omega Alpha Magna Cum Laude	Medicine	University at Buffalo School of Medicine & Biomedical Sciences

Postdoctoral Training:

2012-2013	Internship	Internal Medicine	Beth Israel Deaconess Medical Center
2013-2016	Residency	Neurology	Beth Israel Deaconess Medical Center
2016-2017	Fellowship	Movement Disorders	Beth Israel Deaconess Medical Center

Professional Positions:

2017-present	Movement disorders Neurologist	Colorado Neurodiagnostics Denver, Colorado
2018-present	Consultant & Speaker	Supernus Pharmaceuticals (formerly Adamas Pharma)
2020-present	Consultant & Speaker	Neurocrine Biosciences, Inc
2020-present	Consultant	Abbott Neuromodulation

Licensure and Certification:

2017-present	Colorado Medical License
2016-present	Board Certified Neurologist
2016-2017	Massachusetts Medical License

LUISA (VESELY) SOLIS-COHEN

3240 S DEXTER ST • DENVER, COLORADO 80222 • 845.706.9882
SOLISCOHEN@CONEURODIAGNOSTICS.COM

Administrative Leadership Positions:

2015-2016 Administrative Neurology Chief Resident Beth Israel Deaconess Medical Center

Committee Service:

2013-2016 Housestaff Quality Improvement Council Beth Israel Deaconess Medical Center
Member 2013, 2016
Vice President 2014-2015

2014-2016 Gold Humanism Honor Society Beth Israel Deaconess Medical Center
Member

2021-current Parkinson Association of the Rockies
Medical Advisory Board Denver, CO

Community Outreach / Educational Speaker:

2018-current Parkinson Association of the Rockies Denver, CO
PD 101 Course, Educational Speaker

2019 PD Self – patient support group Colorado Springs, CO
PD Meds/Treatments Educational Speaker

Professional Societies:

2013-
Present American Academy of Neurology Member

2014-
Present Movement Disorder Society Member

Honors:

2006 Molly W. & Charles K.
Schiff Memorial Science Award Brandeis University

2006 Neuroscience Highest
Honors Distinction Brandeis University

2006 Phi Beta Kappa Brandeis University

2006 Summa Cum Laude Brandeis University

2012 Alpha Omega Alpha
Honor Medical Society SUNY Buffalo

2012 Magna Cum Laude SUNY Buffalo

LUISA (VESELY) SOLIS-COHEN

3240 S DEXTER ST • DENVER, COLORADO 80222 • 845.706.9882
SOLISCOHEN@CONEURODIAGNOSTICS.COM

2014	Gold Humanism Honor Society Induction	Beth Israel Deaconess Medical Center
2015, 2016	Outstanding Resident Teaching Award	Beth Israel Deaconess Medical Center

Report of Research Projects

2001	Bard College, Department of Biochemistry. Annandale-on-Hudson, NY. PI: John Ferguson, PhD. Studied the biochemistry of the Krebs cycle enzymes of the ciliate <i>Tetrahymena pyriformis</i> . Developed a protein purification scheme for the enzyme NADP ⁺ isocitrate dehydrogenase.	
2004	University of Colorado Health & Sciences Center, Dept of Anesthesiology. Denver, CO. PI: Uwe Christians, MD, PhD. Evaluated the role of statin lactones in statin drug-drug interactions and muscle biochemistry. Conducted NMR analysis of lipids and water-soluble metabolites of various tissues of atorvastatin treated rats along with corresponding transport studies.	
2004-2005	Brandeis University, Developmental Neurogenetics Lab. Waltham, MA. PI: Kalpana White, PhD Investigated the role of ELAV, a neuron-specific post-transcriptional regulator in neuronal development using <i>Drosophila</i> and transgenic technologies. Performed PCR, western blot, and SNP genotyping to determine protein binding of ELAV and <i>msi</i> protein in <i>Drosophila</i> .	
2005-2006	Brandeis University, Memory and Cognition Lab. Waltham, MA. PI: Arthur Wingfield, PhD Senior Honors Thesis: Cerebral asymmetry and detection of affective prosody. Developed a novel paradigm to assess lateralization of affective prosody, carried out protocol on stroke patients and controls, analyzed and reported the findings.	
2006-2008	University of Pennsylvania School of Medicine, Department of Neurology. Phila, PA. PI: Murray Grossman, MD, EdD Cognitive research investigating the cognitive implications of various neurodegenerative diseases such as frontotemporal dementia, corticobasal degeneration, Alzheimer's disease, and amyotrophic lateral sclerosis. Responsible for developing new paradigms, executing research protocol, analyzing data and writing manuscripts.	
2014-2017	Beth Israel Deaconess Medical Center, Department of Neurology. Boston, MA. PI: Ludy Shih, MD Retrospective analysis regarding the effect of deep brain stimulation on dyskinesia burden in Parkinson's disease.	

LUISA (VESELY) SOLIS-COHEN

3240 S DEXTER ST • DENVER, COLORADO 80222 • 845.706.9882
SOLISCOHEN@CONEURODIAGNOSTICS.COM

- 2020-current ADROIT (Abbott DBS Registry of Outcomes for Indications over Time). Littleton, CO
PI: Luisa Solis-Cohen, MD
Investigator in this international, prospective, multicenter, observational, post-market study, regarding long-term safety and of individuals with Abbott DBS systems.
- 2022-current COPE-PD (Community Outreach for Palliative Engagement – PD). Littleton CO
PI: Benzi Kluger, MD
Community Clinician Participant in this national study regarding effectiveness of palliative care training for community physicians and telemedicine support services for patients and care partners with PDRD.

Report of Teaching and Training

Teaching of Medical Students:

- | | | |
|------|---|---|
| 2016 | Neuroanatomy
1 st year Harvard Medical Students | Harvard Medical School
2-hr sessions, 2 per week, for 2wks |
|------|---|---|

Formal Teaching of Residents:

- | | | |
|-----------|---|---|
| 2014-2015 | Quality Improvement Didactics
All BIDMC Neurology Residents | Beth Israel Deaconess Medical Center
2 1-hour lectures |
| 2015 | Morbidity and Mortality Conference
Neurology Residents and Faculty | Beth Israel Deaconess Medical Center
1-hour conference |

Clinical Supervisory and Training Responsibilities:

- | | | |
|--------------|---|--|
| 2015-2016 | Neurology Ward Chief Resident
Lead a team of Junior Neurology residents
& Harvard medical students on the wards | Intensive responsibility > 4 months |
| 2015-2016 | Neurology Teaching Chief Resident
Responsible for preparing and delivering
formal didactics to Harvard medical students | 1 hour lectures per month |
| 2021-current | Movement Disorders Rotation
HealthOne Neurology Residency | Colorado Neurodiagnostics
Littleton, CO |

Research Activities

Peer-Reviewed Scholarship:

LUISA (VESELY) SOLIS-COHEN

3240 S DEXTER ST • DENVER, COLORADO 80222 • 845.706.9882
SOLISCOHEN@CONEURODIAGNOSTICS.COM

1. Hoyte, K.J., Brownell, H., **Vesely, L.**, Wingfield, A. (2006). Decomposing prosody: Use of prosodic features for detection of syntactic structure and speech affect by patients with right hemisphere lesions. *Brain and Language*, 99, 35-36.
2. Peelle, J.E., Cooke, A., Moore, P., **Vesely, L.**, Grossman, M. (2007). Syntactic and thematic components of sentence processing in Progressive Nonfluent Aphasia and Nonaphasic Frontotemporal Dementia. *Journal of Neurolinguistics*, 20, 482-494.
3. **Vesely, L.**, Bonner, M., Reilly, J., Grossman, M. (2007). Free association in Semantic Dementia: The importance of being abstract. *Brain and Language*, 103, 154-155.
4. Ash, S., Moore, P., **Vesely, L.**, & Grossman, M. (2007). The decline of narrative discourse in Alzheimer's disease. *Brain and Language*, 103, 181-182.
5. Libon, D.J., Massimo, L., Moore, P., Coslett, H., Chatterjee, A., Aguirre, G., Rice, A., **Vesely, L.**, Grossman, M. (2007). Screening for Frontotemporal Dementias and Alzheimer's disease with the Philadelphia Brief Assessment of Cognition: A preliminary analysis. *Dementia and Geriatric Cognitive Disorders*, 24, 441-447.
6. Grossman, M., Xie, S. X., Libon, D., Wang, X., Massimo, L., Moore, P., **Vesely, L.**, Berkowitz, R., Chatterjee, A., Coslett, H. B., Hurtig, H. I., Forman M., Lee V., Trojanowski, J. (2008). Longitudinal decline in autopsy-defined frontotemporal lobar degeneration. *Neurology*, 70, 2036-2045.
7. Peelle, J.E., Troiani, V., Gee, J., Moore, P., McMillan, C., **Vesely, L.**, Grossman, M. (2008). Sentence comprehension and voxel-based morphometry in progressive nonfluent aphasia, semantic dementia, and nonaphasic frontotemporal dementia. *Journal of Neuroscience*, 21: 418-432.
8. Ash, S., Moore, P., **Vesely, L.**, Gunawardena, D., McMillan, C., Anderson, C., Avants, B., Grossman, M. (2009). Non-Fluent Speech in Frontotemporal Lobar Degeneration. *Journal of Neurolinguistics*, 22, 370-383.
9. Massimo, L., Powers, C., Moore, P., **Vesely, L.**, Avants, B., Gee, J., Libon, D.J., Grossman, M. (2009). Neuroanatomy of apathy and disinhibition in frontotemporal lobar degeneration. *Dementia and Geriatric Cognitive Disorders*, 27, 96-104.
10. Libon, D.J., Xie, S.X., Wang, X., Massimo, L., Moore, P., **Vesely, L.**, Chatterjee, A., Coslett, H.B., Hurtig, H.I., Liang, T., Grossman, M. (2009). Neuropsychological decline in frontotemporal lobar degeneration: A longitudinal analysis. *Neuropsychology*, 23, 337-346.
11. Bonner, M.F., **Vesely, L.**, Price, C., Anderson, C., Richmond, L., Farag, C., Avants, B., Grossman, M. (2009). Reversal of the concreteness effect in semantic dementia. *Cognitive Neuropsychology*, 26, 568-579.
12. Xie, S.X., Libon, D.J., Wang, X., Massimo, L., Moore, P., **Vesely, L.**, Khan, A., Chatterjee, A., Coslett, H.B., Hurtig, H.I., Liang, T.W., Grossman, M. (2010). Longitudinal patterns of semantic and episodic memory in frontotemporal lobar degeneration and Alzheimer's Disease. *Journal of the International Neuropsychological Society*, 16, 278-286.

LUISA (VESELY) SOLIS-COHEN

3240 S DEXTER ST • DENVER, COLORADO 80222 • 845.706.9882
SOLISCOHEN@CONEURODIAGNOSTICS.COM

13. Koss, S., Clark, R., **Vesely, L.**, Weinstein, J., Powers, C., Richmond, L., Farag, C., Gross, R., Liang, T.W., Grossman, M. (2010). Numerosity Impairment in Corticobasal Syndrome. *Neuropsychology*, 24, 476-492.

Abstracts, Poster Presentations and Exhibits Presented at Professional Meetings:

1. Hoyte, K.J., **Vesely, L.**, Brownell, H., Wingfield, A. (2006). Individual prosodic components appear to be individually lateralized during syntactic and emotion comprehension: Evidence from brain-injured patients and functional imaging. Cognitive Neuroscience Society, San Francisco, CA.
2. Hoyte, K.J., Brownell, H., **Vesely, L.**, Wingfield, A. (2006). Decomposing prosody: use of prosodic features for detection of syntactic structure and speech affect by patients with right hemisphere lesions. Academy of Aphasia, Victoria, BC, Canada.
3. Kwok, S., Moore, P., Cross, K., **Vesely, L.**, Grossman, M. (2007). Sentence Comprehension in Frontotemporal Dementia and Alzheimer's Disease. American Academy of Neurology, Boston, MA.
4. **Vesely, L.**, Bonner, M.F., Reilly, J., Grossman, M. (2007). Free Association in Semantic Dementia. Academy of Aphasia, Washington D.C.
5. **Vesely, L.**, Price C., Moore P., Cross K., Kwok S., Grossman M. (2007). Verb Associative Knowledge in Frontotemporal Dementia and Alzheimer's Disease. American Academy of Neurology, Boston, MA.
6. **Vesely, L.**, Price C., Anderson, C., Moore P., Grossman, M. (2007). Compromised Verb Associative Knowledge in Frontotemporal Dementia: A VBM Analysis. Society for Neuroscience, San Diego, CA.
7. Richmond, L., **Vesely, L.**, Grossman, M. (2008). Prosodic comprehension in Parkinson's Disease. Cognitive Neuroscience Society, San Francisco, CA.
8. **Vesely, L.** (2011). Majocchi's Granuloma: A case report. Dermatology Grand Rounds, Buffalo, NY.
9. **Solis-Cohen, L.**, Kerbel, R. (2013). A case report of idiopathic CD4 Lymphocytopenia. Society of Hospital Medicine, Washington D.C.
10. Housestaff Quality Improvement Council. (2014). Silverman Symposium. BIDMC, Boston, MA.
11. Housestaff Adverse Event Reporting at BIDMC. (2014). Silverman Symposium. BIDMC, Boston, MA.
12. **Solis-Cohen, L.**, Simon, D.K., Tarsy, D., Papavassiliou, E., Alterman, R., Shih, L.C. (2015). Incidence of dyskinesia improvement following subthalamic DBS with and without medication reduction. Movement Disorder Society International Congress, San Diego, CA.

LUISA (VESELY) SOLIS-COHEN

3240 S DEXTER ST • DENVER, COLORADO 80222 • 845.706.9882
SOLISCOHEN@CONEURODIAGNOSTICS.COM

13. Ashton, C.E, Tocci, C., Laracuente R., Sorberg, E., **Solis-Cohen, L.**, Horn, S., Lasker, A., Vanderhorst, V.G., Shih, L.C. (2017). Spatio-temporal analysis and modeling of gait in Parkinson's disease. Movement Disorder Society International Congress, Vancouver, Canada.
14. **Solis-Cohen, L.**, Ashton, C.E., Simon, D.K., Fox, M., Tarsy, D., Alterman, R., Vanderhorst, V., Shih, L.C. (2017) Beyond shuffling: Gait phenotypes in Parkinson's disease patients considering DBS. Movement Disorder Society International Congress, Vancouver, Canada.
15. Pilitsis, J., Chen,S.Y., Garcia, M.N., Schnitzler, A., Verhagen, L., Bezchlibnyk, Y., Gharabaghi, C., Giordana, C., Moretti, P., Nagel, S., Ashkan K., Changizi, B., Lehn, A., Mir Rivera, P., Pahwa, R., Evans, A., Piano C., **Solis-Cohen, L.**, Pekkonen, E., Tomycz, N., Neitmat, J., Frassica, M., Cheeran, B.,Groppa, S. (2022). Impact of Operative Approach on Patient Outcomes in DBS: An Interim Report of 6-month Outcomes for Parkinson's Disease and Essential Tremor Subjects in ADROIT. American Society for Stereotactic and Functional Neurosurgery, Atlanta, GA.