



**Emily Forbes**

9/12/2020

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Clinic Address: 1635 Aurora Ct, Aurora CO 80045

Education:

8/2009 – 5/2014	DO, MS NYIT College of Osteopathic Medicine
9/2004 – 5/2007	BA, New York University
9/2003-5/2004	Bryn Mawr College

Research Labs:

2012	Department of Biomedical Sciences-NYIT College of Osteopathic Medicine
2007-2009	Department of Molecular Biology- Massachusetts General Hospital
2006-2007	Department of Biomolecular Sciences- New York University
2004	Department of Biochemistry - Bryn Mawr College

Postgraduate Training and Fellowship Appointments:

7/2018 – 6/2020	Fellowship in Movement Disorders, Department of Neurology, University of Pennsylvania / Philadelphia VA Medical Center
7/2015 – 6/2018	Resident in Neurology, University of Colorado Hospital
6/2014 – 6/2015	Intern in Medicine, University of Colorado Hospital

Academic Appointments:

9/2020- present	Assistant Professor of Neurology, University of Colorado Anschutz
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Special Certifications:

2018	Neurology - American Board of Psychiatry and Neurology
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Licensure:

2018- present	Colorado
2018- present	Pennsylvania

Awards, Honors and Membership in Honorary Societies:

2019	Movement Disorders Society Travel Grant (declined due to alternative funding)
2019	PADRECC Pilot Project Award: “Modifiable Comorbidities and Progression of Cognitive Decline in Parkinson’s Disease”
2017-2018	Chief Resident of Education
2018	Medical Student Teaching Award
2018	Resident Extra Mile Award
2016	Certificate of Commitment U.S Department of Veterans Affairs
2012	Academic Medicine Scholarship: NYIT College of Osteopathic Medicine

Memberships in Professional and Scientific Societies:

National Societies:

American Academy of Neurology (Member, 2015- present)  
American Osteopathic Association (Member, 2018- present)  
Movement Disorders Society (Member, 2019 – present)

Lectures:

October 2019	Myoclonus – University of Pennsylvania Hospital/ VA Medical Center
July 2019	Movement Disorders Emergencies - University of Pennsylvania/ VA Medical Center
June 2019	Tics and Tourette’s Disease- University of Pennsylvania / VA Medical Center
October 2018	Ataxia – University of Pennsylvania/ VA Medical Center
August 2018	Evidence Based Levodopa Trials- University of Pennsylvania/ VA Medical Center
June 2018	Determinants of Caregiver Burden in Parkinson’s Disease: Do Palliative Care Issues Matter? – The University of Colorado Hospital Research Retreat
October 2017	Quality Case Review- University of Colorado Hospital Grand Rounds
October 2016	Parkinsonism in Children- Children’s Hospital of Colorado
August 2016	Wilson’s Disease- University of Colorado Hospital
August 2016	University of Colorado Video Conference
February 2016	POEMS Syndrome- University of Colorado Hospital

Abstracts:

**Forbes, E.,** Tropea, T., Mantri, S., Morley, J. “Effects of Modifiable Comorbidities on Progression of Cognitive Impairment in Parkinson’s Disease” CNDR University of Pennsylvania Hospital Philadelphia, PA, 2019.

**Forbes, E.,** Tropea, T., Mantri, S., Morley, J. Abstract No. 871. Modifiable factors and progression of motor symptoms and cognitive decline in Parkinson’s Disease. *Movement Disorders Society*, International Congress, 2019.

**Forbes, E.,** Sebring, K., Boersma, I., Shattuck, J., Bekelman, D., Sillau, S., Kluger, B. (2018, June) Determinants of Caregiver Burden in Parkinson’s Disease: Do Palliative Care Issues Matter? Oral Presentation at the 2018 Department of Neurology Annual Research Retreat

**Forbes E.,** DiGregorio K, Yzeiraj E, Hallas BH, Torres G, Leheste JR. Abstract No. 762.03/07. Complexity and Behavior of eccDNA in Human Cells and Tissues. Society for Neuroscience Annual Meeting, 2012.

**Forbes, E.,** DiGregorio, K., Yzeiraj, E., Hallas BH., Torres, G., Leheste, JR. Extrachromosomal Circular DNA in Parkinson’s Disease. Abstract No. S1151 American Osteopathic Association Annual Meeting, 2012

DiGregorio, K., **Forbes, E.,** Honigman, J., Katz, V., Hallas, B., Torres, G., Leheste, J. DNA Circles in the Hourglass of Life. Abstract No. B14. American Osteopathic Association Annual Meeting, 2011.

**Forbes, E.,** Sleight, J., Karagianni, P., Hyde, R., Carmona, J., Corkins, M., Somers, G., Harris, J., Hart, A., Whetstine, JR. Characterization of Histone Tri-Demethylases in *C. elegans*. FASEB Science Research Conference, 2008.

Karagianni, P., Gromoslaw, G., Schott, B., **Forbes, E.,** Peterson, R., Haber, D., Whetstine, JR. Analysis of the role of JMJD2A/KDM4A in a Vertebrate Model. FASEB Science Research Conference, 2008.

Bibliography:

Constant, JP., Fraley, G.S., **Forbes, E.,** Hallas, BH., Leheste, JR., Torres, G. Resveratrol protects neurons from cannula implantation injury: Implications for deep brain stimulation. *Neuroscience*. 2012 Oct 11;222:333-342. PMID 22796077

Black, J., Allen, A., Van Rechem, C., **Forbes, E.,** Longworth, M., Tschöp, K., Walsh, R., Dyson, N., Whetstine, JR. Conserved antagonism between JMJD2A/KDM4A and HP1 $\gamma$  during cell cycle. *Molecular Cell*. Dec 2010 40:736–748. PMID 31624471

Editorials, Reviews, Chapters:

Kern, D., **Forbes, E.**, Shah, BB., Surgical Interventions for Parkinson's Disease. Practical Neurology Movement Disorders. May 2018 47-5

Yzeiraj, E., **Forbes, E.**, Hallas, BH., Ramos, R., Leheste, JR., Torres, G. Deep Brain Stimulation for Parkinson's Disease. *Journal of Neuroscience and Neuroengineering*. 2013 Volume 2 Number 2 pp.141-149 (9).

Abu-Sbaih, R, & **Forbes, E.** Cystic Fibrosis. In F.J. Domino, R.A. Baldor, J.A. Grimes, J. Golding (Ed.), The 5 Minute Clinical Consult. 2013 Philadelphia: Lippincott Williams & Wilkins. pp. 308-309.

#### Ongoing Research Projects

**Forbes, E.**, Tropea, T., Mantri, S., Morley, J. Modifiable comorbidities and progression of cognitive impairment in Parkinson's Disease. *Manuscript in preparation*.

**Forbes, E.**, Sebring, K., Boersma, I., Shattuck, J., Bekelman, D., Sillau, S., Kluger, B. Determinants of Caregiver Burden in Parkinson's Disease: Do Palliative Care Issues Matter? *Manuscript in preparation*

#### Community Outreach:

April 2020	Parkinson's Disease 101 Community Virtual Support Group- Philadelphia VA
October 2019	Current Research on Disease Modifying Therapies for Parkinson's Disease
August 2019	Sleep Disorders in Parkinson's Disease- Philadelphia PADRECC
May 2019	Parkinson's Disease 101 Community Support Group- University of Pennsylvania