

# FRANK C. CHURCH, PhD

## SCHOLARSHIP AND PUBLICATIONS DURING PHASED RETIREMENT

### (07/01-2019-06/30/2022)-TODAY (UPDATED OCTOBER 12, 2024)

Frank C. Church, PhD, is a Professor Emeritus in the Department of Pathology and Laboratory Medicine, School of Medicine, The University of North Carolina at Chapel Hill (UNC-CH).

**PUBLICATION HISTORY AND CITATIONS** (searching “Church FC,” and actual publication timeframe 1980-2023): *Google Scholar search (includes ~250 papers, chapters, patent reports, and abstracts):*  
[https://scholar.google.com/citations?user=S98TP\\_kAAAAJ&hl=en](https://scholar.google.com/citations?user=S98TP_kAAAAJ&hl=en)

#### GOOGLE SCHOLAR INDEX VALUES

##### All Years (10/13/2024)

Citations\* 13,060

h-index\*\* 57

i10-index\*\*\* 137

\*The number of citations to all publications.

\*\*The *h-index* is defined as the maximum value of *h* such that the given author/

journal has published at least *h* papers that have each been cited at least *h* times.

*What is a good h-Index? The creator of the h-index, Jorge Hirsch summarizes that an h-index of 20 is good, 40 is outstanding, and 60 is truly exceptional.*

\*\*\*i10-Index = the number of publications with at least 10 citations

#### PUBLICATIONS/PRESENTATIONS ON PARKINSON'S DISEASE FROM 2019-PRESENT:

Patient interview about my personal experience with Parkinson's disease (focus on the psychosocial aspects) for MTEC Neuroscience Block (1<sup>st</sup> year medical school class) with Dr. Ana Felix and Dr. Daniel Roque. (2019 and 2020) and with Dr. Cheryl McNeil and Dr. Daniel Roque (2015-2017).

Church, F.C. (2019) Complementary and Alternative Medicine (CAM) and Over-the-Counter Therapies in Parkinson's: A Simple Algorithm and Relatively Inexpensive Plan. Poster at 5th World Parkinson Congress, June 4-7, 2019, Kyoto, Japan

Church, F.C. (2016) Imagine yourself then, imagine yourself now with Parkinson's disease. 4<sup>th</sup> World Parkinson Congress, September 21-24, 2016, Portland, OR

Reuland, C.J., and F.C. Church (2020) Synergy between plasminogen activator inhibitor-1,  $\alpha$ -synuclein, and neuroinflammation in Parkinson's disease. *Medical Hypotheses* 138 (2020): 109602. [10.1016/j.mehy.2020.109602](https://doi.org/10.1016/j.mehy.2020.109602)

Hribar, C.A., P.H. Cobbold, and F.C. Church (2020) Potential Role of Vitamin D in the Elderly to Resist COVID-19 and to Slow Progression of Parkinson's Disease. *Brain Sciences* 10.5 (2020): 284. <https://www.mdpi.com/2076-3425/10/5/284>

Hall, M.-F.E., and F.C. Church (2020) Integrative Medicine and Health Therapy for Parkinson Disease. *Topics in Geriatric Rehabilitation* 36.3 (2020): 176-186. <https://bit.ly/3kIDY2K>

Hall, M.-F.E., and F.C. Church (2020) Exercise for Older Adults Improves the Quality of Life in Parkinson's Disease and Potentially Enhances the Immune Response to COVID-19. *Brain Sciences* 10.9 (2020): 612. <https://www.mdpi.com/2076-3425/10/9/612>

Church, F.C. (2021) Treatment Options for Motor and Non-Motor Symptoms of Parkinson's Disease. *Biomolecules*, 11, 612. <https://doi.org/10.3390/biom11040612>

Bliss, R.R. and F.C. Church (2021) Golf as a Physical Activity to Potentially Reduce the Risk of Falls in Older Adults with Parkinson's Disease. *Sports*, 9, 72. <https://doi.org/10.3390/sports9060072>

Morowitz, J.M., K.B. Pogson, D.A. Roque, and F.C. Church (2022) Role of SARS-CoV-2 in Modifying Neurodegenerative Processes in Parkinson's Disease: A Narrative Review. *Brain Sciences*: 12(5), 536; <https://doi.org/10.3390/brainsci12050536>

Church, F.C. (2023) The International Linked Clinical Trials Initiative: A Program of Hope for Parkinson's Disease. *J. Parkinson's Disease*. Guest Blog Article, <https://rb.gy/denzk3>

Mitchell, A.K., R.R. Bliss, and F.C. Church (2024) Exercise, Neuroprotective Exerkines, and Parkinson's Disease: A Narrative Review. *Biomolecules* 14, no. 10 (2024).Website: <https://www.mdpi.com/2218-273X/14/10/1241>

**PUBLICATIONS ON STEMM (SCIENCE, TECHNOLOGY, ENGINEERING, MATH, MEDICINE) EDUCATION FROM 2017-PRESENT:**

McGreevy, K.M., and F.C. Church (2020) Active Learning: Subtypes, Intra-Exam Comparison, and Student Survey in an Undergraduate Biology Course. *Education Sciences* 10.7: 185. <https://www.mdpi.com/2227-7102/10/7/185>

Church, F.C. (2021) Active Learning: Basic Science Workshops, Clinical Science Cases, and Medical Role-Playing in an Undergraduate Biology Course. *Educ. Sci.*, 11, 370. <https://doi.org/10.3390/educsci11080370>

Tomasi, A.G., T. Belhorn, and F.C. Church (2021) PRIME Immunology: Self-directed Introduction to Medical School Immunology. *Medical Sci. Educator*. DOI: 10.1007/s40670-021-01326-7

Church, F.C., S.T. Cooper, Y.M. Fortenberry, L.N. Glasscock, and R. Hite (2021) Useful Teaching Strategies in STEMM (Science, Technology, Engineering, Mathematics, and Medicine) Education During the COVID-19 Pandemic. *Education Sciences*, 11, no. 11: 752. <https://doi.org/10.3390/educsci11110752>

**PUBLICATION ON DIRECTING AN ACADEMIC RESEARCH LABORATORY:**

Church, F.C. (2022) Suggestions on leading an academic research laboratory group. *Open Life Sciences*, 17(1), pp.599-609; <https://doi.org/10.1515/biol-2022-0061>