

GRADUATE STUDENT ADVISING

1. Advised Bailing Ma for her Ph.D. awarded in May, 2022. (Dissertation Title: **Interpolating Quantum Electrodynamics in 3+1 Dimensions and Quantum Chromodynamics in 1+1 Dimensions between the Instant Form Dynamics and the Light- Front Dynamics**) She joined Argonne National Lab as a postdoc from August, 2022.
2. Advised Patrick Barry for his Ph.D. awarded in December, 2020. (Dissertation Title: **Monte Carlo Global QCD Analyses of the Pion Parton Distribution Functions**) He joined Jefferson Lab as a postdoc from February, 2021. During his Ph.D. program, he was an Awardee of the DOE Office of Science Graduate Student Research Program for January-June in 2020.
3. Advised Murat An for his Ph.D. awarded in December, 2016. (Dissertation Title: **Clifford Algebraic Structure Study of the Interpolating Spinors and Electromagnetic Fields between the Instant Form Dynamics and the Light-Front Dynamics with an application to the Virtual Compton Scattering**) He went back to Turkey to fulfill his obligation for the Turkish government fellowship that he received during his PhD program at NCSU.
4. Advised Ziyue Li for his Ph.D. awarded in December, 2015. (Dissertation Title: **Interpolation from Instant Form Dynamics to Light-Front Dynamics and Update on Light-Front Quark Model Analysis in Meson Phenomenology**) He was admitted to The Data Incubator program (<http://www.thedataincubator.com>). Ziyue passed the qualifying exam in 2009 and received JSA fellowship for the years of 2011-2013.
5. Advised Yukihiisa Tokunaga for his Ph.D. awarded in December, 2012. (Dissertation Title: **Scalar Field Model Analysis of Bound States in Light-Front Dynamics**) He went back to Japan in pursuit of career opportunities for medical area. Yukihiisa passed the qualifying exam in Spring, 2006, the prelim exam in 2009 and the final in May, 2012.
6. Co-Advised Richard Thomson for his Ph.D. awarded in December, 2010. (Dissertation Title: **Application of Perturbative and Lattice Techniques to the Analysis of Nuclear Matter**) He is currently working as a systems engineer/product manager in telecom engineering. Richard passed the qualifying exam in Spring, 2002 and received SURA/JLAB fellowship for the year of 2004.
7. Advised Marty DeWitt for his Ph.D. awarded in 2008. (Dissertation Title: **The Spectrum and Decays of Scalar Mesons in the Light-Front Quark Model**) After graduation, he joined the faculty at High Point University in Greensboro, NC. Marty received SURA/JLAB fellowship for the years of 2001 and 2002.

8. Advised Yuriy Mishchenko for his Ph.D. awarded in 2004. (Dissertation Title: **Applications of Canonical Transformations and Nontrivial Vacuum Solutions to Flavor Mixing and Critical Phenomena in Quantum Field Theory**) After graduation, he was appointed as a post-doc. at Cold Spring Harbor Laboratory (CSHL) in New York starting from January, 2005. He is currently an Associate Professor in the department of Computer and Software Engineering, Toros University, Mersin, Turkey. Yuriy received SURA/CEBAF fellowship for the years of 2002 and 2003.
9. Advised Abouzeid Shalaby for his Ph.D. awarded in 2004. (Dissertation Title: **Non-Trivial Vacuum Solutions of Low Dimensional Scalar Field Theories in the Oscillator Representation Method**) After graduation, he was appointed as an Assistant Professor at Cairo University in Egypt starting from fall, 2004.
10. Advised Ho-Meoyng Choi for his Ph.D. awarded in 1999. (Dissertation Title: **Light-Front Quark Model Analysis of Electroweak Decays of Pseudoscalar and Vector Mesons**) After graduation, he was appointed as a post-doc. at Carnegie-Mellon University for three years and then joined the faculty at Kyungpook National University in 2002. He is currently Professor of Physics, Teachers College, Kyungpook National University. Ho-Meoyng received SURA/CEBAF fellowship for the years of 1996 and 1997.
11. Advised Alex Chiu-Yan Pang for his Ph.D. awarded in 1995 and M.S. degree completed in 1991. (Dissertation Title: **Perturbative Quantum Chromodynamic Analysis of Pion Form Factor and Nucleon Compton Scattering**; Thesis Title: **Quantum Chromodynamic Analysis of the Baryon Anomalous Dimension and Short-Distance Wavefunction in SU(N) ($N \geq 3$) Flavor Symmetry**) After Ph.D., he was appointed as a post-doc. at Indiana University. Alex received SURA/CEBAF fellowship for three years since 1992.
12. Co-advised Robert A. Williams for his Ph.D. awarded in 1993. (Dissertation Title: **A Crossing and Duality Consistent Model of Λ , Σ^0 and $\Lambda(1405)$ Hyperon Formation in Kaon Electromagnetic Production and Capture Reactions**) After graduation, he was appointed as a post-doc. at Hampton University and jointly at CEBAF.
13. Advised Michael Binger for his M.S. degree awarded in 2000. He was a B.S./M.S. degree student. After graduation, he went to Stanford University for Ph.D. program.
14. Advised Daniel Arndt for his M.S. degree awarded in 1999. (Thesis Title: **Light-Cone Quark Model Analysis of Pseudoscalar and Vector Mesons for Radially Excited States**) After graduation, he went to Univ. of Washington for Ph.D. program.