Publications and Talks List

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Last updated: February 14, 2020

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1 Citation Summary Statistics

Table 1: Total citation statistics (entire career) as of February 14, 2020, according to the INSPIRE-HEP database (http://inspirehep.net). Search terms are “find doi 10.1103/PhysRevC.87.025204 or doi 10.1103/PhysRevC.89.055208 or a puckett, a and not title comet and not title asteroid”. The “$h_{\text{HEP}}$” index is the traditional h-index (the largest number such that the author has at least $h$ papers with at least $h$ citations each), but restricted to papers included in the INSPIRE-HEP database, which only covers nuclear, particle, and high-energy physics. To the extent that an author’s scholarly work includes papers outside these fields, it will not be included in these statistics. My scholarly career does not include significant contributions outside of the fields covered by the INSPIRE-HEP database.

<table>
<thead>
<tr>
<th>INSPIRE-HEP results</th>
<th>All Citeable Papers</th>
<th>Published only</th>
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<tbody>
<tr>
<td>Total number of papers analyzed</td>
<td>94</td>
<td>82</td>
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<tr>
<td>Total number of citations</td>
<td>3,293</td>
<td>3,263</td>
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<tr>
<td>Average citations per paper</td>
<td>35.0</td>
<td>39.8</td>
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<tr>
<td>Renowned papers (500+)</td>
<td>0</td>
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<tr>
<td>Famous papers (250-499)</td>
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<tr>
<td>Very well-known papers (100-249)</td>
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<td>4</td>
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<tr>
<td>Well-known papers (50-99)</td>
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<td>9</td>
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<tr>
<td>Known papers (10-49)</td>
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<td>Less known papers (1-9)</td>
<td>30</td>
<td>25</td>
</tr>
<tr>
<td>Unknown papers (0)</td>
<td>9</td>
<td>3</td>
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</table>

$\text{h}_{\text{HEP}}$ index: 30

Table 2: Total citation statistics for papers published after August 23, 2013 (hire date at UConn) as of February 14, 2020, according to the INSPIRE-HEP database (http://inspirehep.net). Search terms are “find doi 10.1103/PhysRevC.89.055208 or a puckett, a and date 2013-08-22->2019-12-01”.

<table>
<thead>
<tr>
<th>INSPIRE-HEP results</th>
<th>All Citeable Papers</th>
<th>Published only</th>
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</thead>
<tbody>
<tr>
<td>Total number of papers analyzed</td>
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<tr>
<td>Total number of citations</td>
<td>1,323</td>
<td>1,306</td>
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<tr>
<td>Average citations per paper</td>
<td>19.5</td>
<td>22.1</td>
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<tr>
<td>Renowned papers (500+)</td>
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</tr>
<tr>
<td>Famous papers (250-499)</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Very well-known papers (100-249)</td>
<td>1</td>
<td>1</td>
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<tr>
<td>Well-known papers (50-99)</td>
<td>3</td>
<td>3</td>
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<tr>
<td>Known papers (10-49)</td>
<td>32</td>
<td>32</td>
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<tr>
<td>Less known papers (1-9)</td>
<td>24</td>
<td>20</td>
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<tr>
<td>Unknown papers (0)</td>
<td>8</td>
<td>3</td>
</tr>
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</table>

$\text{h}_{\text{HEP}}$ index: 24
Table 3: Total citation statistics as of February 14, 2020, according to Google Scholar. The “i10-index” is the total number of papers with at least 10 citations. I have not audited the Google Scholar profile in detail for completeness or accuracy, but it is mostly consistent with the INSPIRE-HEP database in terms of overall numbers and citation statistics.

<table>
<thead>
<tr>
<th>Google Scholar results</th>
<th>All</th>
<th>Since 2015</th>
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<td>Citations</td>
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<tr>
<td>h-index</td>
<td>33</td>
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<tr>
<td>i10-index</td>
<td>61</td>
<td>59</td>
</tr>
</tbody>
</table>

2 Refereed Journal Articles, Published

1. “The CLAS12 Geant4 simulation”
   M. Ungaro et al.
   DOI:10.1016/j.nima.2020.163422
   INSPIRE-HEP entry

2. “Deeply virtual Compton scattering off the neutron”
   M. Benali et al.
   DOI:10.1038/s41567-019-0774-3
   INSPIRE-HEP entry

3. “Measurement of the cross sections for inclusive electron scattering in the E12-14-012 experiment at Jefferson Lab”
   M. Murphy et al.
   arXiv:1908.01802 [hep-ex]
   DOI:10.1103/PhysRevC.100.054606
   JLAB-PHY-19-3013
   INSPIRE-HEP entry

4. “Measurement of the single-spin asymmetry $A_y^0$ in quasi-elastic $^3\text{He}^\uparrow(e,e'p)$ scattering at $0.4 < Q^2 < 1.0$ GeV/c$^2$”
   E. Long et al.
   arXiv:1906.04075 [nucl-ex]
   DOI:10.1016/j.physletb.2019.134875
   JLAB-PHY-19-2949
   INSPIRE-HEP entry
   1 citations counted in INSPIRE as of 14 Feb 2020

5. “Comparing proton momentum distributions in $A = 2$ and 3 nuclei via $^2\text{H}$ $^3\text{H}$ and $^3\text{He}$ $(e,e'p)$ measurements”
   R. Cruz-Torres et al. [Jefferson Lab Hall A Tritium Collaboration]
   arXiv:1902.06358 [nucl-ex]
   DOI:10.1016/j.physletb.2019.134890
   INSPIRE-HEP entry
   3 citations counted in INSPIRE as of 14 Feb 2020

6. “First measurement of the Ar$(e,e')X$ cross section at Jefferson Laboratory”
   H. Dai et al.
   arXiv:1810.10575 [nucl-ex]
   DOI:10.1103/PhysRevC.99.054608
7. “Measurements of Non-Singlet Moments of the Nucleon Structure Functions and Comparison to Predictions from Lattice QCD for $Q^2 = 4$ GeV$^2$”
I. Albayrak et al. [E06-009 Collaboration].
arXiv:1807.06061 [nucl-ex]
DOI:10.1103/PhysRevLett.123.022501
INSPIRE-HEP entry
1 citations counted in INSPIRE as of 14 Feb 2020

8. “Revealing Color Forces with Transverse Polarized Electron Scattering”
W. Armstrong et al. [SANE Collaboration].
arXiv:1805.08835 [nucl-ex]
DOI:10.1103/PhysRevLett.122.022002
INSPIRE-HEP entry
4 citations counted in INSPIRE as of 14 Feb 2020

9. “Measurement of double-polarization asymmetries in the quasi-elastic $^3$He($\vec{e},\vec{e}'p$) process”
M. Mihovilović et al. [Jefferson Lab Hall A Collaboration].
arXiv:1804.06043 [nucl-ex]
DOI:10.1016/j.physletb.2018.10.063
JLAB-PHY-18-2681
INSPIRE-HEP entry
3 citations counted in INSPIRE as of 14 Feb 2020

10. “First Measurement of the Ti($e,e'\chi$)X Cross Section at Jefferson Lab”
H. Dai et al. [Jefferson Lab Hall A Collaboration].
arXiv:1803.01910 [nucl-ex]
DOI:10.1103/PhysRevC.98.014617
SLAC-PUB-17200, JLAB-PHY-18-2656
INSPIRE-HEP entry
13 citations counted in INSPIRE as of 14 Feb 2020

11. “Design and Performance of the Spin Asymmetries of the Nucleon Experiment”
J. D. Maxwell et al..
arXiv:1711.09089 [physics.ins-det]
DOI:10.1016/j.nima.2017.12.008
JLAB-PHY-17-2595
INSPIRE-HEP entry
4 citations counted in INSPIRE as of 14 Feb 2020

12. “Polarization Transfer Observables in Elastic Electron Proton Scattering at $Q^2 = 2.5$, 5.2, 6.8, and 8.5 GeV$^2$”
A. J. R. Puckett et al..
arXiv:1707.08587 [nucl-ex]
DOI:10.1103/PhysRevC.98.019907, 10.1103/PhysRevC.96.055203
JLAB-PHY-17-2533
INSPIRE-HEP entry
32 citations counted in INSPIRE as of 14 Feb 2020
13. “Technical Supplement to "Polarization Transfer Observables in Elastic Electron-Proton Scattering at $Q^2 = 2.5, 5.2, 6.8,$ and $8.5 \text{ GeV}^2"""
A. J. R. Puckett et al. [GEp-III, GEp-2Gamma Collaboration].
arXiv:1707.07750 [nucl-ex]
DOI:10.1016/j.nima.2018.09.022
JLAB-PHY-18-2811
INSPIRE-HEP entry
1 citations counted in INSPIRE as of 14 Feb 2020

14. “The SeaQuest Spectrometer at Fermilab”
C. A. Aidala et al. [SeaQuest Collaboration].
arXiv:1706.09990 [physics.ins-det]
DOI:10.1016/j.nima.2019.03.039
FERMILAB-PUB-17-209-E
INSPIRE-HEP entry
14 citations counted in INSPIRE as of 14 Feb 2020

15. “Differential cross sections and polarization observables from CLAS $K^*$ photoproduction and the search for new $N^*$ states”
A. V. Anisovich et al. [CLAS Collaboration].
DOI:10.1016/j.physletb.2017.05.029
JLAB-PHY-17-2469
INSPIRE-HEP entry
6 citations counted in INSPIRE as of 14 Feb 2020

16. “Extraction of the Neutron Electric Form Factor from Measurements of Inclusive Double Spin Asymmetries”
V. Sulkosky et al.,
arXiv:1704.06253 [nucl-ex]
DOI:10.1103/PhysRevC.96.065206
JLAB-PHY-17-2480
INSPIRE-HEP entry
5 citations counted in INSPIRE as of 14 Feb 2020

17. “A glimpse of gluons through deeply virtual compton scattering on the proton”
M. Defurne et al.,
arXiv:1703.09442 [hep-ex]
DOI:10.1038/s41467-017-01819-3
Nature Commun. 8, no. 1, 1408 (2017)
JLAB-PHY-17-2492
INSPIRE-HEP entry
11 citations counted in INSPIRE as of 14 Feb 2020

18. “Exclusive $\eta$ electroproduction at $W > 2 \text{ GeV}$ with CLAS and transversity generalized parton distributions”
I. Bedlinskiy et al. [CLAS Collaboration].
arXiv:1703.06982 [nucl-ex]
DOI:10.1103/PhysRevC.95.035202
INSPIRE-HEP entry
7 citations counted in INSPIRE as of 14 Feb 2020

19. “Rosenbluth separation of the $\pi^0$ Electroproduction Cross Section off the Neutron”
M. Mazouz et al. [Jefferson Lab Hall A Collaboration].
arXiv:1702.00835 [hep-ex]
20. “Target and beam-target spin asymmetries in exclusive pion electroproduction for \( Q^2 > 1 \) GeV\(^2\). II. \( ep \rightarrow e\pi^0p\)”
P. E. Bosted \textit{et al.} [CLAS Collaboration].
arXiv:1611.04987 [nucl-ex]
DOI:10.1103/PhysRevC.95.035207
JLAB-PHY-16-2388
INSPIRE-HEP entry
3 citations counted in INSPIRE as of 14 Feb 2020

21. “JLab Measurements of the \(^3\)He Form Factors at Large Momentum Transfers”
A. Camsonne \textit{et al.}.
arXiv:1610.07456 [nucl-ex]
DOI:10.1103/PhysRevLett.119.209901, 10.1103/PhysRevLett.119.162501
JLAB-PHY-16-2370
INSPIRE-HEP entry
2 citations counted in INSPIRE as of 14 Feb 2020

22. “Beam-target double-spin asymmetry in quasielastic electron scattering off the deuteron with CLAS”
M. Mayer \textit{et al.} [CLAS Collaboration].
arXiv:1610.06109 [nucl-ex]
DOI:10.1103/PhysRevC.95.024005
JLAB-PHY-16-2371
INSPIRE-HEP entry
4 citations counted in INSPIRE as of 14 Feb 2020

23. “First measurement of unpolarized semi-inclusive deep-inelastic scattering cross sections from a \(^3\)He target”
X. Yan \textit{et al.} [Jefferson Lab Hall A Collaboration].
arXiv:1610.02350 [nucl-ex]
DOI:10.1103/PhysRevC.95.035209
JLAB-PHY-16-2361
INSPIRE-HEP entry
6 citations counted in INSPIRE as of 14 Feb 2020

24. “Rosenbluth separation of the \(\pi^0\) electroproduction cross section”
M. Defurne \textit{et al.} [Jefferson Lab Hall A Collaboration].
arXiv:1608.01003 [hep-ex]
DOI:10.1103/PhysRevLett.117.262001
JLAB-PHY-16-2309
INSPIRE-HEP entry
25 citations counted in INSPIRE as of 14 Feb 2020

25. “Target and Beam-Target Spin Asymmetries in Exclusive Pion Electroproduction for \( Q^2 > 1 \) GeV\(^2\). I. \( ep \rightarrow e\pi^+n\)”
P. E. Bosted \textit{et al.} [CLAS Collaboration].
arXiv:1607.07518 [nucl-ex]
DOI:10.1103/PhysRevC.95.035206
26. “Measurement of Target and Double-spin Asymmetries for the $\vec{e}\vec{p} \rightarrow e\pi^+(n)$ Reaction in the Nucleon Resonance Region at Low $Q^2$”
X. Zheng et al. [CLAS Collaboration].
arXiv:1607.03924 [nucl-ex]
DOI:10.1103/PhysRevC.94.045206
JLAB-PHY-16-2307
INSPIRE-HEP entry
4 citations counted in INSPIRE as of 14 Feb 2020

27. “Photoproduction of the $f_1(1285)$ Meson”
R. Dickson et al. [CLAS Collaboration].
arXiv:1604.07425 [nucl-ex]
DOI:10.1103/PhysRevC.93.055202
Phys. Rev. C 93, no. 6, 065202 (2016)
JLAB-PHY-16-2270
INSPIRE-HEP entry
25 citations counted in INSPIRE as of 14 Feb 2020

28. “Target and beam-target spin asymmetries in exclusive $\pi^+$ and $\pi^-$ electroproduction with 1.6- to 5.7-GeV electrons”
P. E. Bosted et al. [CLAS Collaboration].
arXiv:1604.04350 [nucl-ex]
DOI:10.1103/PhysRevC.94.055201
JLAB-PHY-16-2294
INSPIRE-HEP entry
7 citations counted in INSPIRE as of 14 Feb 2020

29. “Photoproduction of $\Lambda$ and $\Sigma^0$ hyperons using linearly polarized photons”
C. A. Paterson et al. [CLAS Collaboration].
arXiv:1603.06492 [nucl-ex]
DOI:10.1103/PhysRevC.93.065201
Phys. Rev. C 93, no. 6, 065201 (2016)
JLAB-PHY-16-2293
INSPIRE-HEP entry
36 citations counted in INSPIRE as of 14 Feb 2020

30. “Measurement of two-photon exchange effect by comparing elastic $e^\pm p$ cross sections”
D. Rimal et al. [CLAS Collaboration].
arXiv:1603.00315 [nucl-ex]
DOI:10.1103/PhysRevC.95.065201
Phys. Rev. C 95, no. 6, 065201 (2017)
INSPIRE-HEP entry
39 citations counted in INSPIRE as of 14 Feb 2020

31. “First measurement of the helicity asymmetry $E$ in $\eta$ photoproduction on the proton”
I. Senderovich et al. [CLAS Collaboration].
arXiv:1507.00325 [nucl-ex]
DOI:10.1016/j.physletb.2016.01.044
JLAB-PHY-15-2096
INSPIRE-HEP entry
28 citations counted in INSPIRE as of 14 Feb 2020
32. “Polarization Transfer in Wide-Angle Compton Scattering and Single-Pion Photoproduction from the Proton”
C. Fanelli et al.
arXiv:1506.04045 [nucl-ex]
DOI:10.1103/PhysRevLett.115.152001
JLAB-PHY-15-2059
INSPIRE-HEP entry
12 citations counted in INSPIRE as of 14 Feb 2020

33. “Cross sections for the exclusive photon electroproduction on the proton and Generalized Parton Distributions”
H. S. Jo et al. [CLAS Collaboration].
arXiv:1504.02009 [hep-ex]
DOI:10.1103/PhysRevLett.115.212003
JLAB-PHY-15-2037
INSPIRE-HEP entry
58 citations counted in INSPIRE as of 14 Feb 2020

34. “Determination of the beam-spin asymmetry of deuteron photodisintegration in the energy region $E_\gamma = 1.1 – 2.3$ GeV”
N. Zachariou et al. [CLAS Collaboration].
DOI:10.1103/PhysRevC.91.055202
JLAB-PHY-15-2024
INSPIRE-HEP entry
8 citations counted in INSPIRE as of 14 Feb 2020

35. “First Measurement of the Polarization Observable E in the $\vec{p}(\vec{\gamma},\pi^+)n$ Reaction up to 2.25 GeV”
S. Strauch et al. [CLAS Collaboration].
DOI:10.1016/j.physletb.2015.08.053
JLAB-PHY-15-2025
INSPIRE-HEP entry
23 citations counted in INSPIRE as of 14 Feb 2020

36. “Measurement of the Target-Normal Single-Spin Asymmetry in Quasielastic Scattering from the Reaction $^3$He$(e,e')$”
Y. W. Zhang et al.
DOI:10.1103/PhysRevLett.115.172502
JLAB-PHY-15-2021
INSPIRE-HEP entry
17 citations counted in INSPIRE as of 14 Feb 2020

37. “Double Spin Asymmetries of Inclusive Hadron Electroproductions from a Transversely Polarized $^3$He Target”
Y. X. Zhao et al. [Jefferson Lab Hall A Collaboration].
DOI:10.1103/PhysRevC.92.015207
JLAB-PHY-15-2027
INSPIRE-HEP entry
13 citations counted in INSPIRE as of 14 Feb 2020
38. “Single and double spin asymmetries for deeply virtual Compton scattering measured with CLAS and a longitudinally polarized proton target”
   S. Pisano et al. [CLAS Collaboration].
   arXiv:1501.07052 [hep-ex]
   DOI:10.1103/PhysRevD.91.052014
   JLAB-PHY-15-2005
   INSPIRE-HEP entry
   46 citations counted in INSPIRE as of 14 Feb 2020

39. “Measurements of $ep \rightarrow e'\pi^+n$ at $W = 1.6 - 2.0$ GeV and extraction of nucleon resonance electrocouplings at CLAS”
   K. Park et al. [CLAS Collaboration].
   arXiv:1412.0274 [nucl-ex]
   DOI:10.1103/PhysRevC.91.045203
   JLAB-PHY-15-4
   INSPIRE-HEP entry
   41 citations counted in INSPIRE as of 14 Feb 2020

40. “Momentum sharing in imbalanced Fermi systems”
    O. Hen et al.
    arXiv:1412.0138 [nucl-ex]
    DOI:10.1126/science.1256785
    Science 346, 614 (2014)
    INSPIRE-HEP entry
    139 citations counted in INSPIRE as of 14 Feb 2020

41. “Towards a resolution of the proton form factor problem: new electron and positron scattering data”
    D. Adikaram et al. [CLAS Collaboration].
    arXiv:1411.6908 [nucl-ex]
    DOI:10.1103/PhysRevLett.114.062003
    JLAB-PHY-14-1960
    INSPIRE-HEP entry
    60 citations counted in INSPIRE as of 14 Feb 2020

42. “Longitudinal target-spin asymmetries for deeply virtual Compton scattering”
    E. Seder et al. [CLAS Collaboration].
    arXiv:1410.6615 [hep-ex]
    DOI:10.1103/PhysRevLett.114.089901, 10.1103/PhysRevLett.114.032001
    JLAB-PHY-14-1978
    INSPIRE-HEP entry
    38 citations counted in INSPIRE as of 14 Feb 2020

43. “Strangeness Suppression of $q\bar{q}$ Creation Observed in Exclusive Reactions”
    M. Mestayer et al. [CLAS Collaboration].
    arXiv:1412.0974 [nucl-ex]
    DOI:10.1103/PhysRevLett.113.152004
    JLAB-PHY-14-1944
    INSPIRE-HEP entry
    14 citations counted in INSPIRE as of 14 Feb 2020

44. “Measurement of double-polarization asymmetries in the quasielastic $^3\text{He}(e,e'd)$ process”
    M. Mihovilovic et al. [Jefferson Lab Hall A Collaboration].
    arXiv:1409.2253 [nucl-ex]
45. “Exclusive $\pi^0$ electroproduction at $W > 2$ GeV with CLAS”
I. Bedlinskiy et al. [CLAS Collaboration].
DOI:10.1103/PhysRevC.90.039901, 10.1103/PhysRevC.90.025205
JLAB-PHY-14-1871
INSPIRE-HEP entry
31 citations counted in INSPIRE as of 14 Feb 2020

46. “Single spin asymmetries in charged kaon production from semi-inclusive deep inelastic scattering on a transversely polarized $^3$He target”
Y. X. Zhao et al. [Jefferson Lab Hall A Collaboration].
arXiv:1404.7204 [nucl-ex]
DOI:10.1103/PhysRevC.90.055201
JLAB-PHY-14-1894
INSPIRE-HEP entry
40 citations counted in INSPIRE as of 14 Feb 2020

47. “Precision measurements of $g_1$ of the proton and the deuteron with 6 GeV electrons”
Y. Prok et al. [CLAS Collaboration].
arXiv:1404.6231 [nucl-ex]
DOI:10.1103/PhysRevC.90.055208
INSPIRE-HEP entry
30 citations counted in INSPIRE as of 14 Feb 2020

48. “Data analysis techniques, differential cross sections, and spin density matrix elements for the reaction $\gamma p \rightarrow \phi p$”
B. Dey et al. [CLAS Collaboration].
arXiv:1403.2110 [nucl-ex]
DOI:10.1103/PhysRevC.90.059901, 10.1103/PhysRevC.89.055208
INSPIRE-HEP entry
45 citations counted in INSPIRE as of 14 Feb 2020

49. “Beam-spin asymmetries from semi-inclusive pion electroproduction”
W. Gohn et al. [CLAS Collaboration].
arXiv:1402.4097 [hep-ex]
DOI:10.1103/PhysRevD.89.072011
JLAB-PHY-14-1846
INSPIRE-HEP entry
28 citations counted in INSPIRE as of 14 Feb 2020

50. “Measurement of the structure function of the nearly free neutron using spectator tagging in inelastic $^2$H(e, e’p)X scattering with CLAS”
S. Tkachenko et al. [CLAS Collaboration].
arXiv:1402.2477 [nucl-ex]
DOI:10.1103/PhysRevC.90.059901, 10.1103/PhysRevC.89.045206
JLAB-PHY-14-1844
51. “Spin and parity measurement of the Lambda(1405) baryon”
K. Moriya et al. [CLAS Collaboration].
arXiv:1402.2296 [hep-ex]
DOI:10.1103/PhysRevLett.112.082004
JLAB-PHY-14-1848

52. “Measurement of pretzelosity asymmetry of charged pion production in Semi-Inclusive Deep Inelastic Scattering on a polarized $^3$He target”
Y. Zhang et al. [Jefferson Lab Hall A Collaboration].
arXiv:1312.3047 [nucl-ex]
DOI:10.1103/PhysRevC.90.055209
JLAB-PHY-13-1832

53. “Single spin asymmetries of inclusive hadrons produced in electron scattering from a transversely polarized $^3$He target”
K. Allada et al. [Jefferson Lab Hall A Collaboration].
arXiv:1311.1866 [nucl-ex]
DOI:10.1103/PhysRevC.89.042201
JLAB-PHY-13-1826

54. “Measurement of the Target-Normal Single-Spin Asymmetry in Deep-Inelastic Scattering from the Reaction $^3$He$(e,e')X$”
J. Katich et al.
arXiv:1311.0197 [nucl-ex]
DOI:10.1103/PhysRevLett.113.022502
JLAB-PHY-13-1802

55. “JLab Measurement of the $^4$He Charge Form Factor at Large Momentum Transfers”
A. Camsonne et al. [Jefferson Lab Hall A Collaboration].
arXiv:1309.5297 [nucl-ex]
DOI:10.1103/PhysRevLett.112.132503
JLAB-PHY-13-1798

56. “$\phi$-meson photoproduction on Hydrogen in the neutral decay mode”
H. Seraydaryan et al. [CLAS Collaboration].
arXiv:1308.1363 [hep-ex]
DOI:10.1103/PhysRevC.89.055206
JLAB-PHY-13-1769
57. “First Observation of the $\Lambda(1405)$ Line Shape in Electroproduction”
   H. Y. Lu et al. [CLAS Collaboration].
   arXiv:1307.4411 [nucl-ex]
   DOI:10.1103/PhysRevC.88.045202
   JLAB-PHY-13-1758
   INSPIRE-HEP entry
   23 citations counted in INSPIRE as of 14 Feb 2020

58. “Demonstration of a novel technique to measure two-photon exchange effects in elastic
    $e^\pm p$ scattering”
   M. Moteabbed et al. [CLAS Collaboration].
   arXiv:1306.2286 [nucl-ex]
   DOI:10.1103/PhysRevC.88.025210
   JLAB-PHY-13-1745
   INSPIRE-HEP entry
   26 citations counted in INSPIRE as of 14 Feb 2020

59. “Differential Photoproduction Cross Sections of the $\Sigma(1385)$, $\Lambda(1405)$, and $\Lambda(1520)$”
   K. Moriya et al. [CLAS Collaboration].
   arXiv:1305.6776 [nucl-ex]
   DOI:10.1103/PhysRevC.88.049902, 10.1103/PhysRevC.88.045201
   JLAB-PHY-13-1744
   INSPIRE-HEP entry
   78 citations counted in INSPIRE as of 14 Feb 2020

60. “Hard Two-body Photodisintegration of $^3$He”
    I. Pomerantz et al. [CLAS and Hall-A Collaborations].
    arXiv:1303.5049 [nucl-ex]
    DOI:10.1103/PhysRevLett.110.242301
    JLAB-PHY-13-1728
    INSPIRE-HEP entry
    7 citations counted in INSPIRE as of 14 Feb 2020

61. “Cross sections for the $\gamma p \rightarrow K^{*+}\Lambda$ and $\gamma p \rightarrow K^{*+}\Sigma^0$ reactions measured at CLAS”
    W. Tang et al. [CLAS Collaboration].
    arXiv:1303.2615 [nucl-ex]
    DOI:10.1103/PhysRevC.87.065204
    Phys. Rev. C 87, no. 6, 065204 (2013)
    JLAB-PHY-13-1705
    INSPIRE-HEP entry
    16 citations counted in INSPIRE as of 14 Feb 2020

62. “Transverse polarization of $\Sigma^+(1189)$ in photoproduction on a hydrogen target in CLAS”
    C. S. Nepali et al. [CLAS Collaboration].
    arXiv:1302.0322 [nucl-ex]
    DOI:10.1103/PhysRevC.87.045206
    JLAB-PHY-13-1692
    INSPIRE-HEP entry
    4 citations counted in INSPIRE as of 14 Feb 2020

63. “Measurement of transparency ratios for protons from short-range correlated pairs”
    O. Hen et al. [CLAS Collaboration].
    arXiv:1212.5343 [nucl-ex]
    DOI:10.1016/j.physletb.2013.04.011
64. “Separated Structure Functions for Exclusive $K^+\Lambda$ and $K^+\Sigma^0$ Electroproduction at 5.5 GeV with CLAS”
D. S. Carman et al. [CLAS Collaboration].
arXiv:1212.1336 [nucl-ex]
DOI:10.1103/PhysRevC.87.025204
JLAB-PHY-13-4
INSPIRE-HEP entry
15 citations counted in INSPIRE as of 14 Feb 2020

65. “Near Threshold Neutral Pion Electroproduction at High Momentum Transfers and Generalized Form Factors”
P. Khetarpal et al. [CLAS Collaboration].
arXiv:1211.6460 [nucl-ex]
DOI:10.1103/PhysRevC.87.045205
JLAB-PHY-12-1636
INSPIRE-HEP entry
3 citations counted in INSPIRE as of 14 Feb 2020

66. “New Measurements of the Transverse Beam Asymmetry for Elastic Electron Scattering from Selected Nuclei”
S. Abrahamyan et al. [HAPPEX and PREX Collaborations].
arXiv:1208.6164 [nucl-ex]
DOI:10.1103/PhysRevLett.109.192501
JLAB-PHY-12-1622
INSPIRE-HEP entry
32 citations counted in INSPIRE as of 14 Feb 2020

67. “Measurement of Exclusive $\pi^0$ Electroproduction Structure Functions and their Relationship to Transversity GPDs”
I. Bedlinskiy et al. [CLAS Collaboration].
arXiv:1206.6355 [hep-ex]
DOI:10.1103/PhysRevLett.109.112001
JLAB-PHY-12-1595
INSPIRE-HEP entry
64 citations counted in INSPIRE as of 14 Feb 2020

68. “Deep exclusive $\pi^+$ electroproduction off the proton at CLAS”
K. Park et al. [CLAS Collaboration].
arXiv:1206.2326 [nucl-ex]
DOI:10.1140/epja/i2013-13016-9
JLAB-PHY-12-1608
INSPIRE-HEP entry
14 citations counted in INSPIRE as of 14 Feb 2020

69. “Measurement of the Neutron Radius of $^{208}$Pb Through Parity-Violation in Electron Scattering”
S. Abrahamyan et al.
arXiv:1201.2568 [nucl-ex]
DOI:10.1103/PhysRevLett.108.112502
70. “Polarization components in $\pi^0$ photoproduction at photon energies up to 5.6 GeV”
   W. Luo et al. [GEp-III and GEp2gamma Collaborations].
   arXiv:1109.4650 [nucl-ex]
   DOI:10.1103/PhysRevLett.108.222004
   JLAB-PHY-12-1618
   INSPIRE-HEP entry
   9 citations counted in INSPIRE as of 14 Feb 2020

71. “Beam-Target Double Spin Asymmetry $A_{LT}$ in Charged Pion Production from Deep
    Inelastic Scattering on a Transversely Polarized He-3 Target at 1.4 < $Q^2$ < 2.7 GeV$^2$”
   J. Huang et al. [Jefferson Lab Hall A Collaboration].
   arXiv:1108.0489 [nucl-ex]
   DOI:10.1103/PhysRevLett.108.052001
   JLAB-PHY-11-1359
   INSPIRE-HEP entry
   62 citations counted in INSPIRE as of 14 Feb 2020

72. “Single Spin Asymmetries in Charged Pion Production from Semi-Inclusive Deep Inelastic
    Scattering on a Transversely Polarized $^3$He Target”
   X. Qian et al. [Jefferson Lab Hall A Collaboration].
   arXiv:1106.0363 [nucl-ex]
   DOI:10.1103/PhysRevLett.107.072003
   JLAB-PHY-11-1332
   INSPIRE-HEP entry
   218 citations counted in INSPIRE as of 14 Feb 2020

73. “Low $Q^2$ measurements of the proton form factor ratio $\mu_p G_E/G_M$”
   G. Ron et al. [Jefferson Lab Hall A Collaboration].
   arXiv:1103.5784 [nucl-ex]
   DOI:10.1103/PhysRevC.84.055204
   JLAB-PHY-11-1415
   INSPIRE-HEP entry
   98 citations counted in INSPIRE as of 14 Feb 2020

74. “Final Analysis of Proton Form Factor Ratio Data at $Q^2 = 4.0$, 4.8 and 5.6 GeV$^2$”
   A. J. R. Puckett et al.
   arXiv:1102.5737 [nucl-ex]
   DOI:10.1103/PhysRevC.85.045203
   JLAB-PHY-11-1318
   INSPIRE-HEP entry
   146 citations counted in INSPIRE as of 14 Feb 2020

75. “Search for effects beyond the Born approximation in polarization transfer observables
    in $ep$ elastic scattering”
   M. Meziane et al. [GEp2gamma Collaboration].
   arXiv:1012.0339 [nucl-ex]
   DOI:10.1103/PhysRevLett.106.132501
   JLAB-PHY-10-1280
76. “A precise extraction of the induced polarization in the $^4$He(e,e'p)$^3$H reaction”
S. P. Malace et al.
arXiv:1011.4483 [nucl-ex]
DOI:10.1103/PhysRevLett.106.052501
JLAB-PHY-10-1234

77. “Measurements of the Electric Form Factor of the Neutron up to $Q^2 = 3.4$ GeV$^2$ using the Reaction $^3$He($e,e'n$)pp”
S. Riordan et al.
arXiv:1008.1738 [nucl-ex]
DOI:10.1103/PhysRevLett.105.262302
JLAB-PHY-10-1201

78. “Recoil Polarization Measurements of the Proton Electromagnetic Form Factor Ratio to $Q^2 = 8.5$ GeV$^2$”
A. J. R. Puckett et al.
arXiv:1005.3419 [nucl-ex]
DOI:10.1103/PhysRevLett.104.242301
JLAB-PHY-10-1155

79. “Polarization Observables in Deuteron Photodisintegration below 360 MeV”
J. Glister et al.
arXiv:1003.1944 [nucl-ex]
DOI:10.1016/j.physletb.2011.01.061
JLAB-PHY-10-1133

80. “Polarization Transfer in the $^4$He(e,e'p)$^3$H Reaction at $Q^2 = 0.8$ and 1.3 (GeV/c)$^2$”
M. Paolone et al.
arXiv:1002.2188 [nucl-ex]
DOI:10.1103/PhysRevLett.105.072001
JLAB-PHY-10-1127

81. “The Proton Elastic Form Factor Ratio $\mu_p G^p_E/G^p_M$ at Low Momentum Transfer”
G. Ron et al.
arXiv:0706.0128 [nucl-ex]
DOI:10.1103/PhysRevLett.99.202002
JLAB-PHY-07-650
82. “Precision Measurements of the Nucleon Strange Form Factors at $Q^2 \sim 0.1 \text{ GeV}^2$”  
A. Acha et al. [HAPPEX Collaboration].  
nucl-ex/0609002  
DOI:10.1103/PhysRevLett.98.032301  
JLAB-PHY-06-534  
INSPIRE-HEP entry  
259 citations counted in INSPIRE as of 14 Feb 2020

3 Refereed Journal Articles, in preparation (submitted or soon-to-be-submitted for publication)

Note: This list only includes works in preparation that have already been posted to the e-print archive, and have advanced to a stage of readiness for journal submission. For brevity, this list omits several other works in earlier stages of preparation.

1. “Probing few-body nuclear dynamics via $^3\text{H}$ and $^3\text{He}$ ($e,e'p$)pn cross-section measurements”  
R. Cruz-Torres et al. [Jefferson Lab Hall A Tritium Collaboration].  
INSPIRE-HEP entry

2. “Measurement of the $^3\text{He}$ Spin-Structure Functions and of Neutron (3He) Spin-Dependent Sum Rules at $0.035 \leq Q^2 \leq 0.24 \text{ GeV}^2$”  
V. Sulkosky et al. [E97-110 Collaboration].  
arXiv:1908.05709 [nucl-ex]  
JLAB-PHY-19-3015  
INSPIRE-HEP entry

3. “Proton Form Factor Ratio, $\mu_p G_E^p/G_M^p$ from Double Spin Asymmetry”  
A. Liyanage et al..  
arXiv:1806.11156 [nucl-ex]  
INSPIRE-HEP entry  
1 citations counted in INSPIRE as of 14 Feb 2020

P. Gueye et al..  
arXiv:1805.12441 [nucl-ex]  
JLAB-PHY-18-2707, JLAB-PHY-18-2707  
INSPIRE-HEP entry

4 Conference Proceedings

A. Puckett.  
DOI:10.22323/1.249.0029  
JLAB-PHY-16-2229  
INSPIRE-HEP entry

A. Puckett.  
DOI:10.1051/epjconf/20158502021  
JLAB-PHY-14-1989  
INSPIRE-HEP entry  
1 citations counted in INSPIRE as of 14 Feb 2020
5. “Recoil polarization measurements of the proton electromagnetic form factor ratio at high momentum transfer”
A. J. R. Puckett.
DOI:10.1063/1.3293960
JLAB-PHY-09-927
INSPIRE-HEP entry

5 Major Unpublished Works

This section includes works that are not published in refereed journals, but nevertheless represent a large amount of scholarly effort and output, including experiment proposals submitted to the JLab PAC as a spokesperson (regardless of approval status), major software packages my group plays a lead role in developing and maintaining, other miscellaneous technical documents and reports, and the published online version of my doctoral dissertation.

1. “Physics with Positron Beams at Jefferson Lab 12 GeV”
A. Afanasev et al.
arXiv:1906.09419 [nucl-ex]
Jefferson Lab LOI12-18-004
INSPIRE-HEP entry
1 citations counted in INSPIRE as of 01 Dec 2019

2. “g4sbs: Monte Carlo simulation package for the SBS experiments”
Puckett, A. J. R., Riordan, S., Cornejo, J.-C., Fuchey, E., Obrecht, R. F. et al.
Type: Source code and documentation (not peer-reviewed). Ongoing development, maintenance, documentation and user support is led by my group.
Description: g4sbs is the GEANT4-based Monte Carlo simulation program for the Super BigBite Spectrometer experiments.
g4sbs on github.
g4sbs documentation maintained by my group.

3. “Measurements of Semi-Inclusive DIS Double-Spin Asymmetries on a Longitudinally Polarized 3He Target”
Approval status: Deferred
Link to proposal

4. “Measuring the Reflectivity of the High Threshold Cherenkov Counter Mirrors”
Internal CLAS12 collaboration technical report.
6 Conference Presentations, Seminars, Colloquia, and other Miscellaneous Talks (since August, 2013)

Note: This section provides a reasonably complete list of talks at major national and international conferences, invited seminars and colloquia, presentations at major collaboration meetings, and other notable talks relevant to my scholarly reputation, since the date of my hire at UConn, in reverse chronological order. This list does not include numerous other presentations given in weekly SBS collaboration phone meetings, SBS simulation and software working group meetings, and other presentations given in the context of regular reporting of the progress of my group’s ongoing research efforts to interested collaborators and stakeholders. This list also does not include numerous conference presentations given by graduate student and postdoc members of my group.

1. **Title:** SBS Program and GEP Experiment Overview  
   **Conference/Seminar:** Hall A Winter Collaboration Meeting  
   **Date:** January 31, 2020  
   **Location:** Newport News, VA  
   **Type of Talk:** Invited, plenary
2. **Title:** Perspectives on Graduate Study in Physics  
   **Conference/Seminar:** Seminar at Canisius College  
   **Date:** October 25, 2019  
   **Location:** Buffalo, NY  
   **Type of Talk:** Invited seminar for undergraduate physics and engineering students at a primarily undergraduate institution on Ph.D. programs in physics

3. **Title:** Quark Structure of the Nucleon from Medium-Energy Electron Scattering at Jefferson Lab  
   **Conference/Seminar:** PHYS 5094: UConn Graduate Seminar Series  
   **Date:** October 18, 2019  
   **Location:** Storrs, CT  
   **Type of Talk:** Seminar for first-year Ph.D. students in UConn’s physics department

4. **Title:** Future Measurements of Proton Electromagnetic Form Factors at Large Momentum Transfers  
   **Conference/Seminar:** Diquark Correlations in Hadron Physics: Origins, Impact, Evidence  
   **Date:** September 26, 2019  
   **Location:** European Center for Theoretical Studies in Nuclear Physics and Related Areas (ECT*), Trento, Italy  
   **Type of Talk:** Invited, plenary

5. **Title:** RICH Detector for SIDIS  
   **Conference/Seminar:** SBS Collaboration Meeting  
   **Date:** August 6, 2019  
   **Location:** Jefferson Lab, Newport News, VA  
   **Type of Talk:** Invited, plenary

6. **Title:** Prospects for running SIDIS after $G^p_E$  
   **Conference/Seminar:** SBS Collaboration Meeting  
   **Date:** August 6, 2019  
   **Location:** Jefferson Lab, Newport News, VA  
   **Type of Talk:** Invited, plenary

7. **Title:** SBS Software Status  
   **Conference/Seminar:** SBS Collaboration Meeting  
   **Date:** August 5, 2019  
   **Location:** Jefferson Lab, Newport News, VA  
   **Type of Talk:** Invited, plenary

8. **Title:** SBS Collaboration Status  
   **Conference/Seminar:** SBS Collaboration Meeting  
   **Date:** August 5, 2019  
   **Location:** Jefferson Lab, Newport News, VA  
   **Type of Talk:** Invited, plenary

9. **Title:** Upcoming SBS program in Hall A  
   **Conference/Seminar:** Hall A/C Summer Workshop 2019  
   **Date:** June 28, 2019  
   **Location:** Jefferson Lab, Newport News, VA  
   **Type of Talk:** Invited, plenary

10. **Title:** Experimental Studies of Transverse Momentum Dependent Parton Distributions  
    **Conference/Seminar:** APS April Meeting 2019  
    **Date:** April 14, 2019  
    **Location:** Denver, CO  
    **Type of Talk:** Invited, parallel

11. **Title:** Nucleon Imaging at the Femtoscale via Elastic Electron-Nucleon Scattering  
    **Conference/Seminar:** University of Tennessee Physics Departmental Colloquium
12. **Title:** SBS Monte Carlo Simulation: Status and Results  
   **Conference/Seminar:** SBS Collaboration Meeting  
   **Date:** February 27, 2019  
   **Location:** Jefferson Lab, Newport News, VA  
   **Type of Talk:** Invited, plenary

13. **Title:** SBS Physics Program: Proposed and New  
   **Conference/Seminar:** SBS Collaboration Meeting  
   **Date:** February 26, 2019  
   **Location:** Newport News, VA  
   **Type of Talk:** Invited, plenary

14. **Title:** E02-013 (GEN) Data Analysis and Archival Publication Status  
   **Conference/Seminar:** Hall A Collaboration Meeting, Winter 2019  
   **Date:** January 30, 2019  
   **Location:** Jefferson Lab, Newport News, VA  
   **Type of Talk:** Invited, plenary

15. **Title:** Electric Form Factor of the Neutron from Asymmetry Measurements  
   **Conference/Seminar:** Fifth Joint Meeting of the American Physical Society Division of Nuclear Physics and the Physical Society of Japan  
   **Date:** October 27, 2018  
   **Location:** Waikoloa, HI  
   **Type of Talk:** Contributed, Parallel (given on behalf of my Ph.D. student Freddy Obrecht).

16. **Title:** Polarization Transfer Measurement of the Proton Electromagnetic Form Factor Ratio $G_E^p/G_M^p$, to $Q^2 = 12 \text{ GeV}^2$ using the Super BigBite Spectrometer in Hall A at Jefferson Lab  
   **Conference/Seminar:** Fifth Joint Meeting of the American Physical Society Division of Nuclear Physics and the Physical Society of Japan  
   **Date:** October 26, 2018  
   **Location:** Waikoloa, HI  
   **Type of Talk:** Contributed, Parallel

17. **Title:** GEp and SIDIS issues  
   **Conference/Seminar:** Super BigBite Spectrometer Collaboration Meeting  
   **Date:** July 23, 2018  
   **Location:** Jefferson Lab, Newport News, VA  
   **Type of Talk:** Invited, Plenary

18. **Title:** SIDIS/TMD Program Using BigBite/Super-BigBite in Hall A  
   **Conference/Seminar:** Joint Hall A/C Summer Workshop  
   **Date:** June 21, 2018  
   **Location:** Jefferson Lab, Newport News, VA  
   **Type of Talk:** Contributed, Plenary

19. **Title:** The High-$Q^2$ Form Factor Program at Jefferson Lab  
   **Conference/Seminar:** CIPANP 2018: Thirteenth Conference on the Intersections of Particle and Nuclear Physics  
   **Date:** May 31, 2018  
   **Location:** Palm Springs, CA  
   **Type of talk:** Invited, Parallel

20. **Title:** The future DIS program in Jefferson Lab’s Halls A and C  
   **Conference/Seminar:** DIS 2018: 26th International Workshop on Deep Inelastic Scattering and Related Subjects
21. **Title:** Quark Structure of the Nucleon from Medium-Energy Electron Scattering at Jefferson Lab  
   **Conference/Seminar:** PHYS 5094: Graduate Student Lunch Seminar Series  
   **Date:** March 2, 2018  
   **Location:** University of Connecticut, Storrs, CT  
   **Type of Talk:** Seminar for first-year graduate students in UConn physics department. Part of a mandatory one-credit course exposing new graduate students to research in the department.

22. **Title:** RICH Status Update  
   **Conference/Seminar:** Tagged DIS Collaboration Meeting  
   **Date:** February 22, 2018  
   **Location:** Jefferson Lab, Newport News, VA (given remotely).  
   **Type of Talk:** Invited, Plenary

23. **Title:** Polarization Transfer Observables in Elastic Electron-Proton Scattering at $Q^2 = 2.5, 5.2, 6.8, \text{ and } 8.5 \text{ GeV}^2$  
   **Conference/Seminar:** Jefferson Lab Physics Seminar Series.  
   **Date:** January 26, 2018  
   **Location:** Jefferson Lab, Newport News, VA  
   **Type of Talk:** Seminar, Invited.

24. **Title:** Technical Aspects of GEp-III/GEp-$\gamma$ Final Analysis  
   **Conference/Seminar:** Hall C Users’ Group Winter Meeting  
   **Date:** January 23, 2018  
   **Location:** Jefferson Lab, Newport News, VA  
   **Type of Talk:** Plenary, Invited.

25. **Title:** RICH Detector Status  
   **Conference/Seminar:** Super BigBite Spectrometer Collaboration Meeting  
   **Date:** July 14, 2017  
   **Location:** Jefferson Lab, Newport News, VA  
   **Type of Talk:** Plenary, contributed.

26. **Title:** SIDIS/A1n  
   **Conference/Seminar:** Super BigBite Spectrometer Collaboration Meeting  
   **Date:** July 13, 2017  
   **Location:** Jefferson Lab, Newport News, VA  
   **Type of Talk:** Plenary, contributed.

27. **Title:** Super BigBite Spectrometer Overview  
   **Conference/Seminar:** Joint Hall A/C Summer Meeting  
   **Date:** June 22, 2017  
   **Location:** Jefferson Lab, Newport News, VA  
   **Type of Talk:** Invited, Plenary

28. **Title:** GMN Experimental Readiness Review: Radiation Levels and Local Shielding  
   **Conference/Seminar:** Jefferson Lab Experimental Readiness Review for experiment E12-09-019 (neutron magnetic form factor)  
   **Date:** June 16, 2017  
   **Location:** Jefferson Lab, Newport News, VA  
   **Type of Talk:** Presentation on Monte Carlo simulations of radiation dose rates and detector background levels in the context of JLab’s internal readiness review of the first SBS experiment.

29. **Title:** Precision Studies of Nucleon Structure at Jefferson Lab: The Super BigBite Spectrometer  
   **Conference/Seminar:** University of Connecticut Physics Department Colloquium Series.
30. Title: Overview of the SIDIS/TMD program at Jefferson Lab  
   Conference/Seminar: DIS 2017: 25th International Workshop on Deep Inelastic Scattering and Related Subjects  
   Date: April 4, 2017  
   Location: University of Birmingham, Birmingham, United Kingdom  
   Type of Talk: Invited, Parallel

31. Title: Overview of High-\(Q^2\) Nucleon Form Factor Program with the Super BigBite Spectrometer in JLab’s Hall A  
   Conference/Seminar: 2017 “April” Meeting of the American Physical Society  
   Date: January 28, 2017  
   Location: Washington, DC  
   Type of Talk: Contributed, Parallel

32. Title: Precision Studies of the Structure of Matter in Electron Scattering  
   Conference/Seminar: PHYS 5094: UConn Physics Department Graduate Student Seminar Series.  
   Date: December 9, 2016  
   Location: University of Connecticut, Storrs, CT  
   Type of Talk: Seminar for first-year graduate students in UConn physics department. Part of a mandatory one-credit course exposing new graduate students to research in the department.

33. Title: TMDs from precision spectrometer experiments in Jefferson Lab’s Halls A and C: Existing results and outlook  
   Conference/Seminar: SPIN 2016: 22nd International Spin Symposium  
   Date: September 26, 2016  
   Location: University of Illinois, Urbana-Champaign, IL  
   Type of Talk: Invited, Parallel

34. Title: Recent Results from \(g_4sbs\)  
   Conference/Seminar: Super BigBite Spectrometer Collaboration Meeting  
   Date: July 22, 2016  
   Location: Jefferson Lab, Newport News, VA  
   Type of Talk: Invited, Plenary

35. Title: SIDIS/A1n/TDIS Overview  
   Conference/Seminar: Super BigBite Spectrometer Collaboration Meeting  
   Date: July 21, 2016  
   Location: Jefferson Lab, Newport News, VA  
   Type of Talk: Invited, Plenary

36. Title: Experimental Overview of Nucleon Form Factors at High Momentum Transfer  
   Conference/Seminar: Transverse Nucleon Structure at High Momentum Transfer  
   Date: April 18, 2016  
   Location: European Center for Theoretical Studies in Nuclear Physics and Related Areas (ECT*), Trento, Italy.  
   Type of Talk: Invited, Plenary

37. Title: The JLab (non-SoLID) TMD Program at 6 and 11 GeV  
   Conference/Seminar: Solenoidal Large-Intensity Device (SoLID) Workshop.  
   Date: January 29, 2016  
   Location: Stony Brook University, Stony Brook, NY  
   Type of Talk: Invited, Plenary

38. Title: Monte Carlo Tools for SBS Experiments  
   Conference/Seminar: Hall A Winter Collaboration Meeting  
   Date: January 20, 2016
39. **Title:** Precision Studies of the Structure of Matter in Electron Scattering  
   **Conference/Seminar:** PHYS 5094: Graduate Student Lunch Seminar Series  
   **Date:** December 11, 2015  
   **Location:** University of Connecticut, Storrs, CT  
   **Type of Talk:** Seminar for first-year graduate students in UConn physics department. Part of a mandatory one-credit course exposing new graduate students to research in the department.

40. **Title:** Neutron Transverse Spin Structure using BigBite and Super BigBite spectrometers in JLab's Hall A  
   **Conference/Seminar:** DNP 2015: 2015 Fall Meeting of the Division of Nuclear Physics of the American Physical Society  
   **Date:** October 29, 2015  
   **Location:** Santa Fe, NM  
   **Type of Talk:** Contributed, Parallel.

41. **Title:** g4sbs: SBS GEANT4 Monte Carlo Simulation-Status and Applications  
   **Conference/Seminar:** Super BigBite Spectrometer Collaboration Meeting  
   **Date:** July 16, 2015  
   **Location:** Jefferson Lab, Newport News, VA  
   **Type of Talk:** Invited, Plenary

42. **Title:** SIDIS and A1n Overview  
   **Conference/Seminar:** Super BigBite Spectrometer Collaboration Meeting  
   **Date:** July 15, 2015  
   **Location:** Jefferson Lab, Newport News, VA  
   **Type of Talk:** Invited, Plenary

43. **Title:** The JLab TMD Program at 6 and 11 GeV  
   **Conference/Seminar:** QCD Evolution Workshop  
   **Date:** May 28, 2015  
   **Location:** Jefferson Lab, Newport News, VA  
   **Type of Talk:** Invited, Plenary

44. **Title:** Transverse Nucleon Spin Structure at Jefferson Lab: Past, present, and future  
   **Conference/Seminar:** CIPANP2015: Twelfth Conference on the Intersections of Particle and Nuclear Physics  
   **Date:** May 23, 2015  
   **Location:** Vail, CO  
   **Type of Talk:** Invited, Parallel

45. **Title:** SBS Science Update and Overview  
   **Conference/Seminar:** US Department of Energy (DOE) Review of the Super BigBite Spectrometer Project  
   **Date:** November 4, 2014  
   **Location:** Jefferson Lab, Newport News, VA  
   **Type of Talk:** Invited, plenary

46. **Title:** RICH Detector for SBS  
   **Conference/Seminar:** Super BigBite Spectrometer Collaboration Meeting  
   **Date:** July 8, 2014  
   **Location:** Jefferson Lab, Newport News, VA  
   **Type of Talk:** Invited, plenary

47. **Title:** Semi-Inclusive DIS Experiments Using BigBite and Super BigBite Spectrometers in Hall A  
   **Conference/Seminar:** Super BigBite Spectrometer Collaboration Meeting  
   **Date:** July 7, 2014
48. **Title:** The JLab 6 GeV TMD Program  
   **Conference/Seminar:** Transversity 2014: Fourth International Workshop on Transverse Polarization Phenomena in Hard Processes.  
   **Date:** June 12, 2014  
   **Location:** Chia, Cagliari, Italy.  
   **Type of Talk:** Invited, plenary

49. **Title:** The Academic Job Search  
   **Conference/Seminar:** UConn Physics Department Graduate Student Lunch Seminar Series  
   **Date:** April 11, 2014  
   **Location:** University of Connecticut, Storrs, CT  
   **Type of Talk:** Invited seminar for UConn graduate physics students giving my perspective on the academic job search as a recent tenure-track hire.

50. **Title:** Upcoming JLab-12 GeV Experiments  
   **Conference/Seminar:** P-25 group Physics Seminar  
   **Date:** March 25, 2014  
   **Location:** Los Alamos National Laboratory, Los Alamos, NM  
   **Type of Talk:** Invited physics seminar

51. **Title:** Super BigBite Spectrometer Overview  
   **Conference/Seminar:** Hall A/C Joint Collaboration/Users’ Group Meeting  
   **Date:** December 16, 2013  
   **Location:** Jefferson Lab, Newport News, VA  
   **Type of Talk:** Invited, plenary.

52. **Title:** Precision Studies of the Structure of Matter in Electron Scattering  
   **Conference/Seminar:** PHYS 5094: Graduate Student Lunch Seminar Series  
   **Date:** November 15, 2013  
   **Location:** University of Connecticut, Storrs, CT  
   **Type of Talk:** Seminar for first-year graduate students in UConn physics department. Part of a mandatory one-credit course exposing new graduate students to research in the department.

53. **Title:** Transverse neutron spin structure using BigBite and Super BigBite spectrometers in Jefferson Lab’s Hall A  
   **Conference/Seminar:** DNP 2013: 2013 Fall Meeting of the Division of Nuclear Physics of the American Physical Society  
   **Date:** October 26, 2013  
   **Location:** Jefferson Lab, Newport News, VA  
   **Type of Talk:** Contributed, parallel