

Jefferson Lab 6GeV Experiments, Grouped By Category

Few Body Nuclear Properties: Approved

	<u>Experiment</u>	<u>Hall</u>	<u>Title</u>	<u>Spokesperson</u>	<u>Institutions</u>	<u>Beam Days</u>	<u>Rating</u>
★	E-89-012	C	Two-Body Photodisintegration of the Deuteron at Forward Angles and Photon Energies between 1.5 and 4.0 GeV	R. Holt	ANL	10	A-
★	E-89-019	A	Measurement of Proton Polarization in the $d(\gamma,p)n$ Reaction	R. Gilman* R. Holt Z. E. Meziani	Rutgers U ANL Temple U	18	B+
★	E-89-028	A	Polarization Transfer Measurements in the $D(e,e'p)n$ Reaction	J. Finn* P. Ulmer	W&M ODU	8	B-
★	E-89-044	A	Selected Studies of the ^3He and ^4He Nuclei through Electrodisintegration at High Momentum Transfer	M. Epstein A. Saha* E. VOUTIER	California SU JLab	30	B+
☆	E-91-003	C	A Study of Longitudinal Charged Pion Electroproduction in D_2 , ^3He , and ^4He	H. Jackson	ANL	21	B+
★	E-91-026	A	Measurement of the Electric and Magnetic Elastic Structure Functions of the Deuteron at Large Momentum Transfers	J. Gomez G. Petratos*	JLab Kent State U	24	B+
★	E-93-017	B	Study of $\gamma d \rightarrow pn$ and $\gamma d \rightarrow p\Delta^0$ Reactions for Small Momentum Transfers	E. De Sanctis P. Rossi* R. Whitney	JLab JLab	23	B+
☆	E-93-044	B	Photoreactions on ^3He	G. Audit B. Berman* P. Corvisiero	SACLAY GWU INFN	25	B
★	E-93-049	A	Polarization Transfer in the Reaction $^4\text{He}(e,e'p)^3\text{H}$ in the Quasi-elastic Scattering Region	R. Ent P. Ulmer J. Van Den Brand*	JLab ODU NIKHEF	12	B+
★/	E-94-004	A	In-Plane Separations and High Momentum Structure in $d(e,e'p)n$	M. Jones P. Ulmer*	JLab ODU	29	B
★	E-94-018	C	Measurement of the Deuteron Tensor Polarization at Large Momentum Transfers in $D(e,e'd)$ Scattering	E. Beise S. Kox*	U of Maryland ISN	47	A-
★	E-94-019	B	Measuring Nuclear Transparency in Double Rescattering Processes	K. Egiyan K. Griffioen* M. Strikman	Yerevan W&M Penn State	16	B+

★	E-94-102	B	Electron Scattering from a High Momentum Nucleon in Deuterium	K. Griffioen S. Kuhn*	W&M ODU	16	B+
★	E-94-104	A	The Fundamental $\gamma n \rightarrow \pi \rho$ Process in ^2D , ^4He , and ^{12}C in the 1.2 - 6.0 GeV Region	H. Gao* R. Holt	Duke U ANL	18	B+
★	E-95-001	A	Precise measurements of the Inclusive Spin-dependent Quasi-elastic Transverse Asymmetry A_T from $^2\text{H}(e,e')$ at low Q^2	H. Gao* J. O. Hansen	Duke U JLab	15	B
★	E-96-003	C	Two-Body Photodisintegration of the Deuteron at High Energy	R. Holt	ANL	18	A-
★	E-97-001	B	Electroproduction of the $pp\pi^-$ System off the Deuteron Beyond the Quasifree Region	N. Pivnyuk* L. VOROBYEV	ITEP ITEP	16	B-
★	E-99-008	A	Large Angle Two-Body Photodisintegration of the Deuteron at High Energy	R. Gilman* R. Holt Z. E. Meziani	Rutgers U ANL Temple U		B
★	E-00-007	A	Proton Polarization Angular Distribution in Deuteron Photo-Disintegration	R. Gilman* R. Holt Z. E. Meziani	Rutgers U ANL Temple U	7	A-
★	E-01-107	C	Measurement of Pion Transparency in Nuclei	D. Dutta* R. Ent K. Garrow	JLab TRIUMF	14	A-
★	E-03-101	A	Hard Photodisintegration of a Proton Pair	R. Gilman* E. Piassetzky	Rutgers U	13	B+
★	E-03-104	A	Probing the Limits of the Standard Model of Nuclear Physics with the $^4\text{He}(e,e'p)^3\text{H}$ Reaction	R. Ent R. Ransome S. Strauch* P. Ulmer	JLab Rutgers U USC ODU	18	B+
	E-04-107	A	Detailed Study of ^4He Nuclei through Response Function Separations at High Momentum transfers	K. Aniol S. Gilad D. Higinbotham A. Saha	California SU MIT JLab JLab	20	B+
★	E-05-004	A	$A(Q)$ at Low Q in ed Elastic Scattering	R. Gilman* D. Higinbotham X. Jiang	Rutgers U JLab LANL	6	B+
	E-05-011	B	Coherent Vector Meson Production Off the Deuteron	L. Kramer	FIU		
★	E-05-103	A	Low Energy Deuteron Photodisintegration	R. Gilman* A. Sarty S. Strauch	Rutgers U St. Marys USC	14	B+

★ E-08-005 A Measurement of the Target Single-Spin Asymmetry, A_y , in the Quasi-Elastic ${}^3\text{He}(e,e'n)$ Reaction T. Averett W&M B+
D. Higinbotham JLab
V. Sulkosky* MIT

Jefferson Lab 6GeV Experiments, Grouped By Category

N and Meson Properties: Approved*

	<u>Experiment</u>	<u>Hall</u>	<u>Title</u>	<u>Spokesperson</u>	<u>Institutions</u>	<u>Beam Days</u>	<u>Rating</u>
★	E-91-011	A	Investigation of the N-> Δ Transition via Polarization Observables in Hall A (previously titled- High-Precision Separation of Polarized Structure Function)	S. Frullani J. Kelly A. Sarty*	INFN U of Maryland St. Marys	45	A-
★/	E-93-012	B	Electroproduction of Light Quark Mesons	M. Kossov	ITEP	42	B+
★	E-93-031	B	Photoproduction of Vector Mesons at High t	M. Anghinolfi J. Laget C. Marchand*	INFN SACLAY SACLAY	17	A-
★/	E-93-033	B	A Search for Missing Baryons Formed in $\gamma p \rightarrow p\pi^+\pi^-$ Using the CLAS at CEBAF	J. Napolitano* D. Weygand	RPI FSU	65	B+
★	E-93-036	B	Measurement of Single Pion Electroproduction from the Proton with Polarized Beam and Polarized Target Using CLAS	R. Chasteler R. Minehart H. Weller*	Duke U U of Virginia Duke U	42	B+
★/	E-94-005	B	Determination of the $N\Delta$ Axial Vector Transition Form Factor $G_A^{N\Delta}$ from the $ep \rightarrow e'\Delta^{++}\pi^-$	L. Elouadrhiri* D. Heddle S. Pollock	JLab U of Colorado	53	B+
★	E-94-008	B	Photoproduction of η and η' Mesons from Deuterium	B. Ritchie	Arizona SU	23	B-
★	E-94-012	A	Measurement of Photoproton Polarization in the $H(\gamma,p)\pi^0$ Reaction	R. Gilman* R. Holt	Rutgers U ANL	8	B+
★	E-94-014	C	The $\Delta(1232)$ Form Factor at High Momentum Transfer	P. Stoler	RPI	10	B
★/	E-94-015	B	Study of the Axial Anomaly using the $pp\pi^+\pi^-\pi^0$ Reaction Near Thr	R. Miskimen* K. Wang A. Yegneswaran	U Mass U of Virginia JLab	65	A-
★	E-94-016	B	A Measurement of Rare Radiative Decays of the ϕ Meson	A. Dzierba* J. Napolitano	Indiana U RPI	30	A
★/	E-94-103	B	The Photoproduction of Pions	W. Briscoe J. Ficenec* D. Jenkins	GWU VPI VPI	65	B
★	E-94-109	B	Photoproduction of the Rho Meson from the Proton with Linearly Polarized Photons	P. Cole*	ISU	20	B+

					K. Livingston	Glasgow U		
★	E-94-110	C	Measurement of $R = \sigma_L / \sigma_T$ in the Nucleon Resonance Region		C. Keppel	JLab	9	B+
★	E-99-005	B	Meson Spectroscopy in Few-Body Decays		G. Adams C. Salgado* D. Weygand	RPI NSU FSU	10	B+
★	E-99-013	B	Photoproduction of omega mesons off protons with linearly polarized photons		P. Cole F. Klein*	ISU CUA	10	B+
★	E-99-108	B	N^* Excitations at High Q^2 in the Two-Pion Channel		V. Burkert* M. Ripani	JLab	30	B+
★	E-99-117	A	Precision Measurement of the Neutron Asymmetry A_1^n at Large x using CEBAF at 6 GeV		J. P. Chen Z. E. Meziani* P. Souder	JLab Temple U Syracuse U	21	B+
★	E-99-118	C	Measurement of the Nuclear Dependence of $R = \sigma_L / \sigma_T$ at Low Q^2		A. Bruell J. Dunne C. Keppel*	DFG MSU JLab	16	B+
★	E-00-002	C	F_2^N at Low Q^2		C. Keppel M. Niculescu*	JLab JMU	8	A-
★	E-00-116	C	Update E97-010: Measurement of Hydrogen and Deuterium Inclusive Resonance Cross Sections at Intermediate Q^2 for Parton-Hadron Duality Studies		C. Keppel	JLab	3	B+
★	E-01-002	C	Update to E97-101: Baryon Resonance Electroproduction at High Momentum Transfer		P. Bosted V. Frolov M. Jones V. Kubarovsky P. Stoler*	W&M RPI U of Maryland JLab RPI	25	B+
★	E-01-006	C	Update to 96-002 - Precision Measurement of the Nucleon Spin Structure Functions in the Region of the Nucleon Resonances		O. Rondon-Aramayo	U of Virginia	14	B+
★	E-01-017	B	Extension to E99-005: Meson Spectroscopy in Few-Body Decays		G. Adams C. Salgado* D. Weygand	RPI NSU FSU	6	A-
★	E-01-112	B	Photoproduction of Vector Mesons off Nuclei - Update to 94-002		C. Djalali M. Kossov D. Weygand*	USC ITEP FSU	18	A-
★	E-02-103	B	A Precision Measurement of the Neutral Pion Lifetime via the Primakoff Effect		D. Dale S. Danagoulian A. Gasparian* R. Miskimen	U of Kentucky NCAT State U NCAT State U U Mass	22	A
★	E-03-006	B	The GDH Sum Rule with nearly real photons and the proton g_1 structure function at low momentum transfer		M. Battaglieri R. De Vita		20	A

				A. Deur M. Ripani*	JLab		
★	E-03-008	C	Sub-threshold J/Psi Photoproduction	P. Bosted* J. Dunne	W&M MSU	7	B+
★	E-03-012	B	The Structure of the Free Neutron Via Spectator Tagging	H. Fenker C. Keppel S. Kuhn* W. Melnitchouk	JLab JLab ODU JLab	25	A-
★	E-04-007	A	Precision Measurement of the Electroproduction of π^0 Near Threshold: A Test of Chiral QCD Dynamics	J. Annand D. Higinbotham R. Lindgren B. Moffit V. Nelyubin B. Norum	JLab U of Virginia JLab U of Virginia U of Virginia	16	B+
★	E-04-012	A	High Resolution study of the 1540 exotic state	P. Reimer B. Wojtsekhowski	ANL JLab	7	A-
★	E-05-015	A	Measurement of the Target Single-Spin Asymmetry in Quasi-Elastic $^3\text{He}(e,e')$	T. Averett* J. P. Chen X. Jiang	W&M JLab LANL	8	B+
	E-05-101	C	Initial State Helicity Correlation in Wide Angle Compton Scattering	D. Day* B. Wojtsekhowski	U of Virginia JLab	14	A-
★	E-05-102	A	Measurements of A_x and A_z Asymmetries in the Quasi-elastic $^3\text{He}(e,e'd)$ Reaction	S. Gilad D. Higinbotham W. Korsch B. Norum S. Sirca*	MIT JLab U of Kentucky U of Virginia	15	A-

Jefferson Lab 6GeV Experiments, Grouped By Category

Nucleon and Meson Form Factors and Sum Rules: Approved

	<u>Experiment</u>	<u>Hall</u>	<u>Title</u>	<u>Spokesperson</u>	<u>Institutions</u>	<u>Beam Days</u>	<u>Rating</u>
★	E-91-023	B	Measurement of Polarized Structure Functions in Inelastic Electron Proton Scattering using the CEBAF Large Acceptance Spectrometer	V. Burkert* D. Crabb R. Minehart	JLab U of Virginia U of Virginia	42	A
★	E-93-009	B	The Polarized Structure Function G_{1n} and the Q^2 Dependence of the Gerasimov-Drell-Hearn Sum Rule for the Neutron	G. Dodge S. Kuhn* M. Taiuti	ODU ODU	40	A
★	E-93-018	C	Longitudinal/Transverse Cross Section Separation in $p(e,e'K^+)\Lambda(\Sigma)$ for $0.5 < Q^2 < 2.0$ $(\text{GeV}/c)^2$, $W > 1.7$ GeV and $t_{\text{im}} > .1$ $(\text{GeV}/c)^2$	O. Baker* R. Whitney	Yale U JLab	15	B+
★	E-93-021	C	The Charged Pion Form Factor	D. Mack* R. Whitney	JLab JLab	9	B+
★	E-93-026	C	The Charge Form Factor of the Neutron	D. Day	U of Virginia	60	A
★	E-93-027	A	Electric Form Factor of the Proton by Recoil Polarization	C. Perdrisat* V. Punjabi	W&M NSU	16	B+
★	E-93-038	C	The Electric and Magnetic Form Factors of the Neutron From the $d(e,e'n)p$ Reaction based on PR-89-005 [originally two proposals PR-93-038(electric) and -039(magnetic)]	B. Anderson S. Kowalski R. Madey*	Kent State U MIT Kent State U	60	A
★	E-94-003	B	Study of the $\Delta(1232)$ Using Double Polarization Asymmetries	V. Burkert R. Minehart P. Stoler*	JLab U of Virginia RPI		
★	E-94-010	A	Measurement of the Neutron (^3He) Spin Structure Function at Low Q^2	G. Cates J. P. Chen Z. E. Meziani*	U of Virginia JLab Temple U	31	A-
★	E-94-017	B	The Neutron Magnetic Form Factor from Precision Measurements of the Ratio of Quasielastic Electron-Neutron to Electron-Proton Scattering in Deuterium	W. Brooks* M. Vineyard	Union Col	15	B+
★	E-97-103	A	Search for Higher Twist Effects in the Neutron Spin Structure Function $g_2^n(x, Q^2)$	T. Averett W. Korsch*	W&M U of Kentucky	16	B+
★	E-97-110	A	The GDH Rule and the Spin Structure of ^3He and the Neutron Using Nearly Real Photons	J. P. Chen* A. Deur F. Garibaldi	JLab	18	A-

						JLab		
★	E-99-007	A	Measurement of G_E^P/G_M^P to $Q^2 = 5.6 \text{ GeV}^2$ by the Recoil Polarization Method	E. Brash M. Jones C. Perdrisat* V. Punjabi	CNU JLab W&M NSU		28	B+
★	E-99-114	A	Exclusive Compton Scattering on the Proton	C. Hyde A. Nathan B. Wojtsekhowski*	ODU UIUC JLab		18	A-
☆	E-00-108	C	Duality in Meson Electroproduction	R. Ent* H. Mkrtchyan G. Niculescu	JLab JMU		20	B+
★	E-00-110	A	Deeply Virtual Compton Scattering at 6 GeV	P. Bertin C. Hyde R. Ransome F. Sabatie*	UCF ODU Rutgers U		20	A-
★	E-02-013	A	Measurement of the Neutron Electric Form Factor G_{En} at High Q^2	G. Cates N. Liyanage B. Wojtsekhowski*	U of Virginia U of Virginia JLab		32	A
☆	E-02-109	C	Measurement of $R = \sigma_L / \sigma_T$ on Deuterium in the Nucleon Resonance Region	M. Christy* C. Keppel	Hampton U JLab		13	B+
★	E-03-106	A	Deeply Virtual Compton Scattering on the Neutron	P. Bertin C. Hyde F. Sabatie* E. VOUTIER	UCF ODU		13	A-
★	E-06-009	C	Measurement of $R = \sigma_L / \sigma_T$ on Deuterium in the Nucleon Resonance Region and Beyond	M. Christy* C. Keppel	Hampton U JLab		9	A-
★	E-06-010	A	Measurement of Single Target-Spin Asymmetry in Semi-Inclusive $n \uparrow(e, e' \pi^-)$ Reaction on a Transversely Polarized ^3He Target	J. P. Chen E. Cisbani H. Gao X. Jiang* J. C. Peng	JLab INFN Duke U LANL U of Illinois		29	A
★	E-06-014	A	Precision Measurements of the Neutron dc: Towards the Electric XE and Magnetic XB Color Polarizabilities	S. Choi X. Jiang Z. E. Meziani B. Sawatzky*	Seoul National Unive LANL Temple U JLab		13	A
	E-07-011	C	A High Precision Measurement of the Deuteron Spin-Structure Function g_{1d}/F_{1d}	H. Baghdasaryan P. Bosted* X. Jiang	U of Virginia W&M LANL		8	A

☆ E-08-027 A A Measurement of g_{2p} and the Longitudinal-Transverse Spin Polarizability

F. Wesselmann

Xavier

A. Camsonne

JLab

24

A-

J. P. Chen

JLab

K. Slifer*

U of NH

Jefferson Lab 6GeV Experiments, Grouped By Category

Other: Approved

<u>Experiment</u>	<u>Hall</u>	<u>Title</u>	<u>Spokesperson</u>	<u>Institutions</u>	<u>Beam Days</u>	<u>Rating</u>
E-01-103	B	CLAS E1 Run Group Jeopardy Proposal	V. Burkert* D. Carman R. Minehart M. Ripani	JLab JLab U of Virginia	30	B+
E-02-102		CEBAF Energy Recovery Experiment	S. Bogacz* A. Hutton	JLab JLab	12	
★ E-06-103	B	Kaon Production on the Deuteron Using Polarized Photons	B. Berman Y. Ilieva* D. Ireland F. Klein P. Nadel-Turonski* A. Tkabladze	GWU USC CUA JLab Ohio U	48	A-

Jefferson Lab 6GeV Experiments, Grouped By Category

Properties of Nuclei: Approved

	<u>Experiment</u>	<u>Hall</u>	<u>Title</u>	<u>Spokesperson</u>	<u>Institutions</u>	<u>Beam Days</u>	<u>Rating</u>
★/	E-89-003	A	Study of the Quasielastic (e,e'p) reaction in ^{16}O at High Recoil Momentum	W. Bertozzi K. Fissum A. Saha* L. Weinstein	MIT JLab ODU	20	B-
★	E-89-008	C	Inclusive Scattering for Nuclei at $x>1$ and High Q^2	D. Day B. Filippone*	U of Virginia CIT	8	B
★	E-89-009	C	Investigation of the Spin Dependence of the ΛN Effective Interaction in the P Shell	R. Chrien E. Hungerford L. Tang*	BNL U of Houston JLab	25	B+
★	E-89-015	B	Study of Coincidence Reactions in the Dip and Delta-Resonance Regions Resubmitted as PR-91-009	H. Baghaei	U of Texas	33	B
★	E-89-017	B	Electroexcitation of the $\Delta(1232)$ in Nuclei. Resubmitted as PR-91-009	R. Sealock	U of Virginia	33	B
★	E-89-027	B	Coincidence Reaction Studies with the CLAS	W. Bertozzi W. Boeglin L. Weinstein*	MIT FIU ODU	33	B+
★	E-89-031	B	Study of Multi-Nucleon Knockout With the CEBAF Large Acceptance Spectrometer Resubmitted as PR-91-009	F. Hersman J. Lightbody R. Miskimen*	U of NH NSF U Mass	33	B+
★	E-89-032	B	Study of the Local Properties of Nuclear Matter in Electron-Nucleus and Photon-Nucleus Interactions with Backward Particle Production Using the CLAS Detector -> PR-91-009	A. Stavinskiy	ITEP	33	B-
★/	E-89-033	A	Measurement of Recoil Polarization in the ^{16}O (e,e'p) Reaction with 2.4 GeV Electrons	C. Chang C. Glashausser* S. Nanda P. Rutt	U of Maryland Rutgers U JLab Rutgers U	20	B-
★	E-89-036	B	Study of Short-Range Properties of Nuclear Matter in Electron-Nucleus and Photon-Nucleus Interactions with Backward Particle Production using the CLAS Detector resub as PR-91-009	K. Egiyan	Yerevan	33	C+
★	E-91-013	C	The Energy Dependence of Nucleon Propagation in Nuclei as Measured in the (e,e'p) Reaction	D. Geesaman	ANL	24	B-

★	E-93-019	B	Photoabsorption and Photofission of Nuclei	B. Berman* N. Bianchi V. Muccifora	GWU INFN INFN	3	B-
★	E-94-107	A	High Resolution Hypernuclear 1p shell Spectroscopy	S. Frullani F. Garibaldi* J. LeRose P. Markowitz T. Saito	INFN JLab FIU Tohoku U	24	B+
★	E-94-139	C	Measurement of the Nuclear Dependence and Momentum Transfer Dependence of Quasielastic (e,e'p) Scattering at Large Momentum Transfer	R. Ent R. Milner*	JLab MIT	17	B-
★	E-97-006	C	Correlated Spectral Function and (e,e'p) Reaction Mechanism	I. Sick	U of Basel	15	A-
★	E-97-111	A	Systematic Probe of Short-Range Correlations via the Reaction ${}^4\text{He}(e,e'p){}^3\text{H}$	J. Mitchell B. Reitz* J. Templon	JLab JLab NIKHEF	12	B+
★	E-98-104	B	Measurement of the polarized electron beam asymmetry on exclusive reactions in nuclei with CLAS	F. Hersman* M. Holtrop	U of NH U of NH	35	N/
★	E-01-011	C	Spectroscopic Study of Lambda Hypernuclei Up To Medium-Heavy Mass Region Through the (e,e'k+) Reaction	O. Hashimoto* S. Nakamura J. Reinhold L. Tang	Tohoku U Tohoku U FIU JLab	19	A-
★	E-01-015	A	Proposal 97-106 (update) Studying the Internal Small-Distance Structure of Nuclei via the Triple Coincidence (e,e'p+N) Measurement	S. Gilad D. Higinbotham E. Piassetzky J. Watson S. Wood*	MIT JLab Kent State U JLab	23	B+
★	E-02-017	C	Status of the $\Lambda S=1$ Hadronic Weak Interaction Program (update to 99-003)	B. Hu A. Margaryan L. Tang*	Yerevan JLab	7	B+
★	E-02-019	C	Inclusive Scattering from Nuclei at $x>1$ and High Q^2 with a 6 GeV Beam	J. Arrington D. Day B. Filippone A. Lung*	ANL U of Virginia CIT JLab	28	A
★/	E-02-110	B	Q^2 Dependence of Nuclear Transparency for Incoherent ρ^0 Electroproduction	K. Hafidi* M. Holtrop B. Mustapha	ANL U of NH ANL	24	B+
★	E-03-103	C	A Precise Measurement of the Nuclear Dependence of Structure Functions in Light Nuclei	J. Arrington* D. Gaskell	ANL JLab	10	A
★	E-05-110	A	Precision Measurement of Longitudinal and Transverse Response Functions of Quasi-Elastic Electron Scattering in the Momentum Transfer Range $0.55 \text{ GeV}/c < q < 0.9 \text{ GeV}/c$	J. P. Chen S. Choi*	JLab Seoul National Unive	26	A-

★	E-06-007	A	Impulse Approximation limitations to the (e,e'p) on ^{208}Pb , identifying correlations and relativistic effects in the nuclear medium	Z. E. Meziani K. Aniol A. Saha* J. Udias Moinelo G. Urciuoli	Temple U California SU JLab	10	A-
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Jefferson Lab 6GeV Experiments, Grouped By Category

Conditionally Approved

<u>Experiment</u>	<u>Hall</u>	<u>Title</u>	<u>Spokesperson</u>	<u>Institutions</u>	<u>Beam Days</u>	<u>Rating</u>
E-02-101	A	Exclusive Study of Deuteron Electrodisintegration near Threshold	W. Bertozzi B. Norum T. Tamae K. Wang*	MIT U of Virginia Tohoku U U of Virginia	16	B+
★ E-04-102	B	Helicity Structure of Pion Photoproduction	D. Crabb M. Khandaker D. Sober*	U of Virginia ISU CUA	9	B+
★/ E-04-114	A	A measurement of the flavor asymmetry through charged meson production in semi-inclusive deep-inelastic scattering	J. P. Chen X. Jiang J. C. Peng L. Zhu	JLab LANL U of Illinois MIT Bates LINAC		
E-08-002	C	Spectroscopic study of Λ hypernuclei in the medium-heavy mass region and p-shell region using the $(e,e'K^+)$ reaction	O. Hashimoto* S. Nakamura J. Reinhold L. Tang	Tohoku U FIU JLab		B
E-08-003	B	$^3P^0 \Lambda^+ n$ single charged pion photoproduction	D. Dutta H. Gao* P. Rossi	Duke U JLab	4	B
★ E-08-008	A	Exclusive Study of Deuteron Electrodisintegration near Threshold	W. Bertozzi S. Gilad B. Norum* K. Wang	MIT MIT U of Virginia U of Virginia	18	B+
E-08-012	C	Study of Light Hypernuclei by Pionic Decay at JLab	A. Margaryan S. Nakamura J. Reinhold L. Tang* L. Yuan	Yerevan FIU JLab Hampton U	5	A-
E-08-018	B	Properties of the rho, omega, and phi mesons	C. Djalali R. Nasseripour D. Weygand* M. Wood	USC GWU FSU	25	B+

E-08-021 B Deeply Virtual Compton Scattering at 6 GeV with transversely polarized target using the CLAS Detector

H. Avakian*
M. Guidal
R. Kaiser
F. Sabatie

IPN ORSAY
Glasgow U

25

A

Jefferson Lab 6GeV Experiments, Grouped By Category

Withdrawn

<u>Experiment</u>	<u>Hall</u>	<u>Title</u>	<u>Spokesperson</u>	<u>Institutions</u>	<u>Beam Days</u>	<u>Rating</u>
PR-97-011	A	Initial Exploration of Semi-exclusive Scattering in $x > 1$ Region with ${}^3\text{He}(e,e'p)$ Reactions	W. Bertozzi* S. Gilad J. Zhao	MIT MIT MIT	13	B
PR-97-102	C	Measurement of the $(e,e'p)$ Cross Section on Tensor Polarized Deuterium	H. Anklin* W. Boeglin	FIU FIU	33	A-
PR-00-106	A	Measurement of Small Components of the ${}^3\text{He}$ Wave Function Using ${}^3\text{He}(e,e'p)$ in Hall A	F. Hersman	U of NH		
PR-00-107	A	Proton Polarization in Deuteron Photodisintegration to $E_\gamma > 3$ GEV at $\theta_{\text{cm}}=90^\circ$	R. Gilman* R. Holt Z. E. Meziani	Rutgers U ANL Temple U	11	A-

Jefferson Lab 6GeV Experiments, Grouped By Category

Withdrawn

<u>Experiment</u>	<u>Hall</u>	<u>Title</u>	<u>Spokesperson</u>	<u>Institutions</u>	<u>Beam Days</u>	<u>Rating</u>
PR-93-028	C	Deformation of the Nucleon (DROPPED 1/99)	J. Jourdan	U of Basel	15	B
PR-96-001	A	Recoil Polarization in η Electroproduction	W. Bertozzi J. Kelly* A. Sarty	MIT U of Maryland St. Marys	26	B+
PR-97-104	C	Measurement of the Parity Violating Asymmetry in the N to Δ Transition	N. Simicevic* S. Wells*	LTU LTU		B+

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PR-93-024	A	Measurement of the Magnetic Form Factor of the Neutron at Large Momentum Transfers	J. Gomez G. Petratos*	JLab Kent State U	10	B+
PR-94-021	A	The Electric Form Factor of the Neutron Extracted from the $^3\text{He}(e,e'n)pp$ Reaction	W. Korsch* R. McKeown	U of Kentucky JLab	14	

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PR-91-006	A	Study of Nuclear Medium Effects by Recoil Polarization up to High Momentum Transfers	A. Saha	JLab	8	C
PR-04-002	A	Hadronization in Nuclei by Deep Inelastic Electron Scattering	J. P. Chen B. Norum K. Wang	JLab U of Virginia U of Virginia	15	B+

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PR-01-003	A	Update to E-91-004: Measurement of Strange Quark Effects Using Parity Violating Elastic Electron Scattering from ${}^4\text{He}$ at $Q^2=0.6 \text{ (GeV/c)}^2$	E. Beise	U of Maryland		

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PR-89-021	A	Elastic Electron ^3He - ^4He Scattering at Large Momentum Transfers	G. Petratos	Kent State U	30	B
PR-93-043	B	Measurement of the Delta-Delta Component of the Deuteron by Exclusive Quasielastic Electron Scattering	B. Quinn	CMU	48	B
PR-94-023	A	Measurement of Small Components of the ^3He wave function using ^3He (e,e'p) in Hall A	F. Hersman	U of NH	24	B+
PR-00-118	A	Elastic Electron Scattering off ^3He and ^4He at Large Momentum Transfers	J. Gomez G. Petratos*	JLab Kent State U	30	A-
PR-01-108	A	Detailed Study of the ^4He Through Response Function Separations at High Momentum Transfers	K. Aniol S. Gilad D. Higinbotham A. Saha*	California SU MIT JLab JLab	20	B+
PR-02-004	A	A(Q) at Low Q in ed Elastic Scattering	R. Gilman* X. Jiang K. McCormick	Rutgers U LANL	5	B+
PR-02-010	A	The $\gamma + n \rightarrow \pi^- p$ Process from ^2H and ^{12}C and the $\gamma + p \rightarrow \pi^+ n$ Reaction	D. Dutta H. Gao R. Holt	Duke U ANL	8	B+
PR-02-108	A	Measurement of A_x and A_z Asymmetries in the Quasi-Elastic $\text{vec}[^3\text{He}]$ ($\text{vec}[e]$, $e'd$) Reaction	D. Higinbotham B. Norum S. Sirca Z. Zhou	JLab U of Virginia MIT	15	B+

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PR-91-015	B	Helicity Structure of Pion Photoproduction	D. Sober	CUA	18	A-
PR-94-002	B	Photoproduction of Vector Mesons off Nuclei	P. Bertin M. Kossov* B. Preedom	UCF ITEP USCA	12	B+
PR-94-101	A	Precision Measurement of the Neutron Asymmetry A_n^1 at Large X_{Bj} using CEBAF at 6 GeV	Z. E. Meziani* P. Souder	Temple U Syracuse U	21	B
PR-96-002	C	Precision Measurement of the Nucleon Spin Structure Functions in the Region of the Nuclear Resonances	O. Rondon-Aramayo	U of Virginia	21	B
PR-97-010	C	Measurement of Hydrogen and Deuterium inclusive resonance cross sections at intermediate Q^2 for Parton-Hadron duality studies	C. Keppel	JLab	3	B+
PR-97-101	C	Baryon Resonance Electroproduction at High Momentum Transfer	C. Armstrong V. Frolov J. Price P. Stoler*	RPI U of California RPI	25	B+
PR-97-108	A	Exclusive Compton Scattering on the Proton	C. Hyde A. Nathan B. Wojtsekhowski*	ODU UIUC JLab	10	B+
PR-99-014	B	A Precision Measurement of the Neutral Pion Lifetime via the Primakoff Effect	D. Dale S. Danagoulian A. Gasparian* R. Miskimen	U of Kentucky NCAT State U NCAT State U U Mass	22	A-
PR-01-014	A	Precision Measurement of Electroproduction of π^0 near Threshold: A Test of Chiral QCD Dynamics	J. Annand D. Higinbotham R. Lindgren* V. Nelyubin	JLab U of Virginia U of Virginia	16	B+
PR-01-104	B	Helicity Structure of Pion Photoproduction - Update of Experiment 91-015	D. Crabb M. Khandaker D. Sober*	U of Virginia ISU CUA	22	B+
PR-02-012	B	Coherent Vector Meson Production off the Deuteron	F. Klein	CUA	50	A-

PR-03-004	A	Measurement of Single Target-Spin Asymmetry in Semi-Inclusive Pion Electroproduction on a Transversely Polarized ^3He Target	L. Kramer* S. Stepanyan	FIU JLab	24	B+
			J. P. Chen X. Jiang* J. C. Peng	JLab LANL U of Illinois		

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PR-89-005	AC	Replaced by E-93-38 The Electric Form Factor of the Neutron from the $d(e,e'n)p$ Reaction	R. Madey	Kent State U		
PR-89-014	A	Electric Form Factor of the Proton by Recoil Polarization	C. Perdrisat* V. Punjabi	W&M NSU		
PR-01-109	C	Measurement of G_{ep}/G_{mp} to $Q^2=9$ GeV ² via Recoil Polarization	E. Brash C. Perdrisat* V. Punjabi	CNU W&M NSU	40	A
PR-01-113	B	Deeply Virtual Compton Scattering with CLAS at 6 GeV	V. Burkert L. Elouadrhiri M. Garcon S. Stepanyan*	JLab JLab JLab	60	A
PR-02-020	C	The Q(Weak) Experiment: A Search for Physics at the TeV Scale Via a Measurement of the Proton's Weak Charge	J. Bowman R. Carlini* J. Finn S. Kowalski S. Page	LANL JLab W&M MIT U Manitoba	23	A
PR-03-003	A	Polarization transfer in Wide Angle Compton Scattering	A. Nathan B. Wojtsekhowski*	UIUC JLab	7	B+
PR-03-109	C	Spin Asymmetries on the Nucleon Experiment (SANE)	S. Choi Z. E. Meziani O. Rondon-Aramayo	Seoul National Unive Temple U U of Virginia	27	A-

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PR-91-007	C	Measurement of the Nuclear Dependence and Momentum Transfer Dependence of Quasielastic (e,e'p) Scattering at Large Momentum Transfer (Resubmittal of PR-89-010)	R. Milner	MIT	5	B-
PR-97-106	A	Studying the Internal Small Distance Structure of Nuclei via the Triple Coincidence (e,ep+N) Measurement	W. Bertozzi E. Piasetzky J. Watson S. Wood*	MIT Kent State U JLab	11	B+
PR-99-003	C	Direct Measurement of the Lifetime of the Heavy Hypernuclei at CEBAF (update to 95-002)	A. Margaryan L. Tang*	Yerevan JLab	7	B
PR-99-015	C	Inclusive Scattering from Nuclei at $x > 1$ and High Q^2 with a 6 GeV Beam	D. Day B. Filippone A. Lung*	U of Virginia CIT JLab	25	B-
PR-00-101	C	A Precise Measurement of the Nuclear Dependence of Structure Functions in Light Nuclei	J. Arrington	ANL	12	B+
PR-01-016	A	Precision Measurement of Longitudinal and Transverse Response Functions of Quasi-Elastic Electron Scattering in the Momentum Transfer Range $0.55 \text{ GeV}/c < q$	J. P. Chen S. Choi* Z. E. Meziani	JLab Seoul National Unive Temple U	26	A-
PR-03-011	A	Update of E00003: Neutron Skin of ^{208}Pb through Parity Violating Electron Scattering	R. Michaels* P. Souder G. Urciuoli	JLab Syracuse U	30	A-

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PR-91-004	A	Measurement of Strange Quark Effects using Parity-Violating Elastic Scattering From ^4He at $Q^2=0.6\text{GeV}^2$	E. Beise	U of Maryland	85	A
PR-91-017	C	Measurement of the Flavor Singlet Charge Form Factor of the Proton G_E^0	D. Beck	U of Illinois	46	A
PR-95-002	C	Direct Measurement of the Lifetime of Heavy Nuclei at CEBAF	L. Tang	JLab		
PR-98-101	C	Spin Polarization in Kaon Electroproduction	O. Baker P. Gueye*	Yale U Hampton U	16	B+
PR-99-016	C	G0 Experiment	D. Beck	U of Illinois	46	A
PR-01-115	C	Measurement of the Parity Violating Asymmetry in the N to Delta Transition	N. Simicevic S. Wells*	LTU LTU		B+
PR-01-116	C	The G0 Experiment:: Backward Angle Measurements	D. Beck	U of Illinois	60	A
PR-05-108	C	G0 Backward Angle Measurements	D. Beck	U of Illinois	110	A-