

CURRICULUM VITAE

Gibson, Benjamin Franklin, V

Birth: September 3, 1938, Madisonville, Texas

Citizenship: U.S.A.

Position: Los Alamos National Lab, Scientist 4

Group: T-2, Building SM-123, Room 178, Telephone (505) 667-5059

**Home address: 120 Rover Blvd., Los Alamos, NM 87544,
Telephone (505) 672-3609**

EDUCATION:

Rice University, Houston, TX, B. A. 1961 (physics & mathematics)

Texaco Scholarship, 1959-61

Blanche White Honor Scholar, 1960-61

Phi Beta Kappa, 1960

Sigma Xi, 1961

Summa cum Laude Graduate

Stanford University, Palo Alto, CA., Ph. D. 1966 (physics)

Woodrow Wilson Fellow (honorary), 1961-62

National Science Foundation Fellow, 1961-65

Thesis Advisor: L. I. Schiff

Thesis: "The Structure of Certain Light Nuclei as Determined by
Electron Scattering"

PROFESSIONAL SOCIETIES:

American Physical Society, 1966-present

American Physical Society Fellow (1983)

PROFESSIONAL HONORS:

Distinguished Service Award, American Physical Society's Division of
Nuclear Physics, October, 2007

Murdoch Fellow, Institute for Nuclear Theory (Seattle), June-August, 1992

Humboldt Research Award for Senior U. S. Scientists, March, 1992

Visiting Research Fellow, Flinders University (Australia),
April-July, 1987

Visiting Research Fellow, University of Melbourne (Australia), August
1986-March, 1987.

Japan Society for Promotion of Science Research Fellow, March, 1984

National Research Council Research Associate, 1968-70

PROFESSIONAL EMPLOYMENT:

Los Alamos National Laboratory, Los Alamos, NM
Staff Member, Group T-2, October 2008 –present
Staff Member, Group T-5/T-16, August 1972–September 2008
T-5 Group Leader, August 1982–July 1986
T-5 Deputy Group Leader, January 1980–August 1982
Brooklyn College of the CUNY, Brooklyn, NY
Research Associate, Institute of Theoretical Nuclear Physics,
September 1970–July 1972
Lawrence Livermore Laboratory, Livermore, CA
Consultant, September 1968–July 1972
National Bureau of Standards, Gaithersburg, MD
National Research Council Research Associate,
September 1968–September 1970
Lawrence Livermore Laboratory, Livermore, CA
Postdoctoral Research Fellow, July 1966–July 1968
Atlantic Richfield Co., Dallas, TX
Assistant Research Physicist, summers of 1961, 1962, 1964

PROFESSIONAL ACTIVITIES:

Journals:

Editor, *Physical Review C*, June 2012–present
Editorial Board, *Few-Body Systems*, 2012–present
Editor, *Physical Review C*, June 2007–May 2011
Editorial Board, *Few-Body Systems*, 2007–2011
Editor, *Physical Review C*, June 2002–May 2006
Editorial Board, *Few-Body Systems*, 2002–2006
Associate Editor, *Physical Review C*, 1998–May 2002
Editorial Board, *Few-Body Systems*, 1997–2001
Associate Editor, *Physical Review C*, 1993–97
Editorial Board, *Few-Body Systems*, 1992–96
Associate Editor, *Physical Review C*, 1988–1992
Acting Associate Editor, *Physical Review C*, Sept.–Dec. 1987
Editorial Board of *Physical Review C*, 1987–88
Acting Associate Editor, *Physical Review C*, April 1986
Editorial Board, *Few-Body Systems*, 1986–1991
Acting Associate Editor, *Physical Review C*, Sept.–Oct. 1985
Editorial Board of *Physical Review C*, 1978–79

Proceedings:

Co-editor of the *Bulletin of the American Physical Society*
57, #9, 1-120 (2012)

Co-editor of the *Bulletin of the American Physical Society*
56, #12, 1-136 (2011)

Co-editor of the *Bulletin of the American Physical Society*
55, #14, 1-139 (2010)

Co-editor of the Proceedings of the *10th International
Conference on Hypernuclear and Strange Particle Physics*
(Elsevier, Amsterdam, 2010)

Co-editor of the *Bulletin of the American Physical Society*
54, #10, 1-222 (2009)

Co-editor of the *Bulletin of the American Physical Society*
53, #12, 1-137 (2008)

Co-editor of the Proceedings of *The International Symposium
on New Facet of Three Nucleon Force - 50 Years of Fujita-
Miyazawa Three Nucleon Force (FM50)*, (AIP, NY, 2008)

Co-editor of the *Bulletin of the American Physical Society*
52, #9, 1-122 (2007)

Co-editor of the *Bulletin of the American Physical Society*
51, #6, 1-131 (2006)

Co-editor of the *Bulletin of the American Physical Society*
50, #6, 1-201 (2005)

Co-editor of the *Bulletin of the American Physical Society*
49, #6, 1-122 (2004)

Co-editor of the *Bulletin of the American Physical Society*
48, #8, 1-106 (2003)

Co-editor of the *Bulletin of the American Physical Society*
47, #6, 1-113 (2002)

Co-editor of the *Bulletin of the American Physical Society*
46, #7, 1-161 (2001)

Co-editor of the *Bulletin of the American Physical Society*
45, #5, 1-104 (2000)

Co-editor of the *Bulletin of the American Physical Society*
44, #5, 1-91 (1999)

Co-editor of the *Bulletin of the American Physical Society*
43, #6, 1521-1602 (1998)

Co-editor of the *Bulletin of the American Physical Society*
42, #5, 1615-1698 (1997)

Co-editor of the Proceedings of the *LUGI Symposium, 20 Years of
Meson Factory Physics: Accomplishments and Prospects*
(World Scientific, Singapore, 1997)

Co-editor of the *Bulletin of the American Physical Society*
41, #7, 1211-1282 (1996)

Co-editor of the *Proceedings of the 7th International Conference
on the Structure of Baryons, Baryons '95* (World Scientific,
Singapore, 1996)

Co-editor of the *Properties and Interactions of Hyperons, A U.S.–Japan Seminar* (World Scientific, Singapore, 1994)
 Co-editor of the Proceedings *New Vistas in Physics with High-Energy Pion Beams* (World Scientific, Singapore, 1993)
 Co-editor of the Proceedings *LAMPF Workshop on (π, K) Physics* (AIP, NY, 1991)
 Co-editor of *The Three-Body Force in the Three-Nucleon System* Lecture Notes in Physics 260 (Springer-Verlag, Heidelberg, 1986)
 Co-editor of the *Proceedings of the LAMPF Summer School on Nuclear Structure with Pions and Protons*, August 1977
 Co-editor of the *Proceedings of the LAMPF Summer School on the Theory of Pion-Nucleus Scattering*, July 1973

Scientific Meetings:

Organizer, APS Division of Nuclear Physics Fall Meeting, October 2012 (Newport Beach, CA)
 Int'l Advisory Committee, 11th International Conference on Hypernuclei and Strange Particle Physics, October 2012 (Barcelona)
 Int'l Advisory Committee, 20th International Conference on Few-Body Problems in Physics, August 2012 (Fukuoka)
 Organizer, Division of Nuclear Physics program for the APS Spring Meeting, April 2012 (Atlanta, GA)
 Organizer, APS Division of Nuclear Physics Fall Meeting, October 2011 (East Lansing, MI)
 Int'l Advisory Committee, 5th Asia-Pacific Conference on Few-Body Problems in Physics, August 2011 (Seoul)
 Organizer, Division of Nuclear Physics program for the APS Spring Meeting, April 2011 (Anaheim, CA)
 Organizer, APS Division of Nuclear Physics Fall Meeting, October 2010 (Santa Fe, NM)
 Organizer, Division of Nuclear Physics program for the APS Spring Meeting, Feb 2010 (Washington, DC)
 Organizer, APS Division of Nuclear Physics Joint Meeting with the Japanese Physical Society, October 2009 (Hawaii)
 Int'l Advisory Committee, 10th International Conference on Hypernuclear and Strange Particle Physics, September 2009 (Tokai)
 Int'l Advisory Committee, 19th International Conference on Few-Body Problems in Physics, September 2009 (Bonn)
 Organizer, Division of Nuclear Physics program for the APS Spring Meeting, May 2009 (Denver, CO)
 Advisory Committee, International Symposium on Strangeness in Nuclear and Hadronic Physics, December 2008 (Sendai)
 Organizer, APS Division of Nuclear Physics Fall Meeting, October 2008 (Oakland, CA)

Int'l Advisory Committee, 4th Asia-Pacific Conference on Few-Body Problems in Physics, August 2008 (Indonesia)
 Organizer, Division of Nuclear Physics program for the APS Spring Meeting, April 2008 (St. Louis, MO)
 Organizer, APS Division of Nuclear Physics Fall Meeting, October 2007 (Newport News, VA)
 Organizer, Division of Nuclear Physics program for the APS Spring Meeting, April 2007 (Jacksonville, FL)
 Int'l Advisory Committee, 9th International Conference on Hypernuclear and Strange Particle Physics, October 2006 (Mainz)
 Organizer, APS Division of Nuclear Physics Fall Meeting, October 2006 (Nashville, TN)
 Int'l Advisory Committee, 18th International Conference on Few-Body Problems in Physics, August 2006 (Sao Paulo)
 Organizer, Division of Nuclear Physics program for the APS Spring Meeting, April 2006 (Dallas, TX)
 Organizing Committee, Particles and Nuclei Int'l. Conference PANIC'05 October 2005 (Santa Fe, NM)
 Organizer, APS Division of Nuclear Physics Joint Meeting with the Japanese Physical Society, September 2005 (Maui)
 Int'l Advisory Committee, LOWq: Workshop on Electromagnetic Nuclear Reactions at Low Momentum Transfer, August 2005 (Halifax, CAN)
 Int'l Advisory Committee, 3rd Asia-Pacific Conference on Few-Body Problems in Physics, July 2005 (Thailand)
 Co-Organizer, ECT* program on "Nuclear Forces and QCD," June-July 2005 (Trento)
 Organizer, Division of Nuclear Physics program for the APS Spring Meeting, April 2005 (Tampa, FL)
 Organizer, APS Division of Nuclear Physics Fall Meeting, October 2004 (Chicago, IL)
 Int'l Advisory Committee, 19th European Conference on Few-Body Problems in Physics, August 2004 (Groningen)
 Organizer, Division of Nuclear Physics program for the APS Spring Meeting, May 2004 (Denver, CO)
 Organizer, APS Division of Nuclear Physics Fall Meeting, October 2003 (Tucson, AZ)
 Int'l Advisory Committee, 8th International Conference on Hypernuclear and Strange Particle Physics, October 2003 (JLab)
 Co-Organizer, INT Fall Program on "Theories of Nuclear Forces and Few-Nucleon Systems", October–December 2003 (Seattle, WA)
 Int'l Advisory Committee, LOWq: Workshop on Electromagnetic Nuclear Reactions at Low Momentum Transfer, July 2003 (Halifax, CAN)
 Int'l Advisory Committee, 17th International Conference on Few-Body Problems in Physics, June 2003 (Durham, NC)

Organizer, Division of Nuclear Physics program for the APS Spring Meeting, April 2003 (Philadelphia, PA)
 Organizer, APS Division of Nuclear Physics Fall Meeting, October 2002 (East Lansing, MI)
 Int'l Advisory Committee, 2nd Asia Pacific Conference on Few-Body Problems in Physics, August 2002 (Shanghai)
 Organizer, Division of Nuclear Physics program for the APS Spring Meeting, April 2002 (Albuquerque, NM)
 Organizer, APS Division of Nuclear Physics Joint Meeting with the Japanese Physical Society, October 2001 (Maui)
 Co-Organizer, INT Workshop on "Theories of Nuclear Forces and Few-Nucleon Systems", June 2001 (Seattle, WA)
 Organizer, Division of Nuclear Physics program for the APS Spring Meeting, April 2001 (Washington, DC)
 Int'l Advisory Committee, APCTP Symposium on Hadrons and Nuclei, February 2001 (Seoul)
 Int'l Advisory Committee, 7th International Conference on Hypernuclear and Strange Particle Physics, October 2000 (Torino)
 Organizer, APS Division of Nuclear Physics Fall Meeting, October 2000 (Williamsburg, VA)
 Organizer, Division of Nuclear Physics program for the APS Spring Meeting, April 2000 (Long Beach, CA)
 Int'l Advisory Committee, 16th International Conference on Few-Body Problems in Physics, March 2000 (Taipei)
 Organizing Committee, Carl B. Dover Memorial Symposium on Strangeness Physics, December 1999 (Brookhaven National Laboratory)
 Organizer, APS Division of Nuclear Physics Fall Meeting, October 1999 (Pacific Grove, CA)
 Int'l Advisory Committee, Asia Pacific Conference on Few-Body Problems in Physics, August 1999 (Noda/Kashiwa)
 Co-Organizer, ECT* Workshop on "The Nuclear Interaction: Modern Developments", June-July 1999 (Trento)
 Organizer, Division of Nuclear Physics program for the APS/AAPT Centennial Meeting, March 1999 (Atlanta, GA)
 Int'l Advisory Committee, APCTP Workshop on Strangeness Nuclear Physics, February 1999 (Seoul)
 Organizer, APS Division of Nuclear Physics Fall Meeting, October 1998 (Santa Fe, NM)
 Int'l Advisory Committee, Baryons '98, 8th International Conference on the Structure of Baryons, September 1998 (Bonn)
 Organizer, Division of Nuclear Physics program for the APS/AAPT Spring Meeting, April 1998 (Columbus, OH)
 Int'l Advisory Committee, International Conference on Hypernuclear and Strange Particle Physics, October 1997 (BNL)

Organizer, APS Division of Nuclear Physics Fall Meeting, October 1997
 (Whistler, BC)
 Organizer, Nucleon-Nucleon Interaction Session, Few-Body XV, July 1997
 (Groningen)
 Int'l Advisory Committee, 15th International Conference on Few-Body
 Problems in Physics (Few-Body XV), July 1997 (Groningen)
 Organizer, Division of Nuclear Physics program at the APS/AAPT
 Spring Meeting, April 1997 (Washington, DC)
 Organizing Committee, LUGI Symposium, 20 Years of Meson Factory
 Physics: Accomplishments and Prospects, October 1996 (Los Alamos)
 Organizer, APS Division of Nuclear Physics Fall Meeting, October 1996
 (Cambridge)
 Organizer, Division of Nuclear Physics component of the APS/AAPT
 Spring Meeting, May 1996 (Indianapolis)
 Organizing Committee, Baryons '95, 7th International Conference
 on the Structure of Baryons, October 1995 (Santa Fe)
 Organizing Committee, Workshop on Future Directions in Particle and
 Nuclear Physics at Multi-GeV Hadron Beam Facilities, Hadron and
 Nuclear Spectroscopy, December 1994 (FNAL)
 Int'l Advisory Committee, International Conference on Hypernuclear and
 Strange Particle Physics, July 1994 (Vancouver)
 Int'l Advisory Committee, XIV International Conference on Few-Body
 Problems in Physics, May 1994 (CEBAF)
 Organizing Committee, U.S.-Japan Seminar on Hyperon-Nucleon
 Interactions, October 1993 (Lahaina, (Maui) Hawaii)
 Program Chairman, APS Spring Meeting, April 1993 (Washington, DC)
 Local Committee, Workshop on the "Future Directions of Physics at
 Hadron Beam Facilities at Higher Energies," Division of Nuclear
 Physics Fall Meeting, October 1992 (Santa Fe)
 Organizing Committee, Workshop on "New Vistas in Physics with
 High-Energy Pion Beams," Division of Nuclear Physics Fall Meeting,
 October 1992 (Santa Fe)
 Co-Organizer, INT Program on "Strangeness in Heavy Ion Collisions
 and Hypernuclear Physics", June-August 1992 (Seattle)
 Deputy Program Chairman, APS Spring Meeting, April 1992 (Washington, DC)
 Working Group Co-Chairman, Workshop on Electronuclear Physics
 with Internal Targets and the BLAST Detector, March 1992 (Tempe)
 Int'l. Advisory Committee, XIII International Conference on
 Few-Body Problems in Physics, January 1992 (Adelaide)
 Int'l. Advisory Committee, International Symposium on Hypernuclear and
 Strange Particle Physics, December 1991 (Shimoda, Japan)
 Working Group Chairman, IUCF Workshop on Hyperon and Hypernuclear
 Physics with Proton Beams, November 1991 (Bloomington)
 Int'l. Advisory Board, V International Symposium "Mesons and Light
 Nuclei," September 1991 (Prague)

Organizing Committee, LAMPF Workshop on (π, K) Physics, October 1990
(Los Alamos)

Organizing Committee, LAMPF/WNR Workshop on Nucleon-Nucleon
Bremsstrahlung, January 1990 (Los Alamos)

Int'l. Advisory Committee, XII International Conference on Few Body
Problems in Physics, July 1989 (Vancouver)

Organizing Committee and Local Organizer, Division of Nuclear Physics
Light Hadronic Probes Town Meeting for NSAC Long Range Plan,
May 1989 (Santa Fe)

Organizing Committee, Division of Nuclear Physics Fall Meeting, October
1989 (Santa Fe)

Int'l. Organizing Committee of the 1988 International Symposium on
Hypernuclear and Low-Energy Kaon Physics (Padua)

Int'l. Advisory Board of the IV International Symposium "Mesons and
Light Nuclei," 1988 (Bechyne)

Int'l. Advisory Committee of the European Workshop on Few-Body
Physics, 1986 (Rome)

Int'l. Advisory Committee, XI Int'l. Conference on Few-Body Systems
in Particle and Nuclear Physics, 1986 (Tokyo/Sendai)

Organizing Committee, International Symposium on the Three-Body Force
in the Three-Nucleon System, 1986 (George Washington University)

Organizing Committee, Symposium on Hypernuclear and Kaon Physics,
1985 (Brookhaven)

Int'l. Advisory Committee, 1985 Banff Advanced Study Institute (NATO)

Int'l. Advisory Committee of the III International Symposium "Mesons
and Light Nuclei," 1985 (Bechyne)

Scientific Advisory Committee, Int'l. Conference on Hadronic Probes
and Nuclear Interactions, 1985 (Arizona St. Univ.)

Advisory Committee, Third LAMPF II Workshop, 1983

Int'l. Advisory Committee, Int'l. Conference on Hypernuclear and Kaon
Physics, 1982 (Karlsruhe)

Int'l. Advisory Committee, IX Int'l. Conference on the Few-Body
Problem, 1980 (Eugene)

Organizing Committee for LAMPF Summer School on Nuclear Structure
with Pions and Protons, June 1977

Chairman, Gordon Research Conference on Photonuclear Reactions,
1976

APS Assignments:

Executive Committee, APS Division of Nuclear Physics, 2013

Program Committee, APS Division of Nuclear Physics, 2013

Secretary-Treasurer, APS Division of Nuclear Physics, 2013

Executive Committee, APS Division of Nuclear Physics, 2012

Program Committee, APS Division of Nuclear Physics, 2012

Executive Committee, APS Division of Nuclear Physics, 2011

Program Committee, APS Division of Nuclear Physics, 2011
 Executive Committee, APS Division of Nuclear Physics, 2010
 Program Committee, APS Division of Nuclear Physics, 2010
 Secretary-Treasurer, APS Division of Nuclear Physics, 2010–2012
 Executive Committee, APS Division of Nuclear Physics, 2009
 Program Committee, APS Division of Nuclear Physics, 2009
 Executive Committee, APS Division of Nuclear Physics, 2008
 Program Committee, APS Division of Nuclear Physics, 2008
 Executive Committee, APS Division of Nuclear Physics, 2007
 Program Committee, APS Division of Nuclear Physics, 2007
 Secretary-Treasurer, APS Division of Nuclear Physics, 2007–2009
 Chair, Nominating Committee, APS Few-Body Systems Topical
 Group, 2006
 APS Task Force on the Future of the April Meeting, 2006
 Executive Committee, APS Division of Nuclear Physics, 2006
 Executive Committee, APS Few-Body Systems Topical Group, 2006
 Program Committee, APS Division of Nuclear Physics, 2006
 APS Task Force on Enhancing Information Systems for Meetings,
 2004–2005
 Executive Committee, APS Division of Nuclear Physics, 2005
 Executive Committee, APS Few-Body Systems Topical Group, 2005
 Program Committee, APS Division of Nuclear Physics, 2005
 Secretary-Treasurer, APS Division of Nuclear Physics, 2004–2006
 Executive Committee, APS Division of Nuclear Physics, 2004
 Executive Committee, APS Few-Body Systems Topical Group, 2004
 Program Committee, APS Division of Nuclear Physics, 2004
 Executive Committee, APS Division of Nuclear Physics, 2003
 Executive Committee, APS Few-Body Systems Topical Group, 2003
 Program Committee, APS Division of Nuclear Physics, 2003
 Executive Committee, APS Division of Nuclear Physics, 2002
 Program Committee, APS Division of Nuclear Physics, 2002
 Executive Committee, APS Division of Nuclear Physics, 2001
 Program Committee, APS Division of Nuclear Physics, 2001
 Secretary-Treasurer, APS Division of Nuclear Physics, 2001–2003
 Executive Committee, APS Division of Nuclear Physics, 2000
 Program Committee, APS Division of Nuclear Physics, 2000
 Executive Committee, APS Division of Nuclear Physics, 1999
 Program Committee, APS Division of Nuclear Physics, 1999
 Secretary-Treasurer, APS Division of Nuclear Physics, 1998–2000
 Executive Committee, APS Division of Nuclear Physics, 1998
 Program Committee, APS Division of Nuclear Physics, 1998
 Executive Committee, APS Division of Nuclear Physics, 1997
 Program Committee, APS Division of Nuclear Physics, 1997
 Centennial Committee, Division of Nuclear Physics, 1996–1998
 Physics News in 1996 Committee, Division of Nuclear Physics

Executive Committee, APS Division of Nuclear Physics, 1996
 Program Committee, APS Division of Nuclear Physics, 1996
 Executive Committee, APS Division of Nuclear Physics, 1995
 Program Committee, APS Division of Nuclear Physics, 1995
 Secretary-Treasurer, APS Division of Nuclear Physics, 9/1995–1997
 Past Chair, APS Topical Group on Few-Body Systems and Multiparticle
 Dynamics, 1993-1994
 Chair, APS Topical Group on Few-Body Systems and Multiparticle
 Dynamics, 1992-1993
 Program Committee, APS Division of Nuclear Physics, 1991
 Chair-Elect, APS Topical Group on Few-Body Systems and Multiparticle
 Dynamics, 1991-1992
 Program Committee, APS Division of Nuclear Physics, 1990
 Vice Chair, APS Topical Group on Few-Body Systems and Multiparticle
 Dynamics, 1990-1991
 Program Committee, APS Topical Group on Few-Body Systems and
 Multiparticle Dynamics, 1986-1987

Advisory Assignments:

New Mexico State University Physics Advisory Board, April 2013
 New Mexico State University Physics Advisory Board, November 2012
 New Mexico State University Physics Advisory Board, November 2011
 New Mexico State University Physics Advisory Board, November 2010
 New Mexico State University Physics Advisory Board, October 2009
 NSF Nuclear Theory Panel Review, January 2006
 2004 KEK PS External Review Committee, Expert for hadron and
 hyperon experiments at the 12 GeV PS, May-June 2004
 Brooklyn College of the CUNY, Physics Department External Review
 Committee, March 2004
 Bates Program Advisory Committee, December 2002–2003
 LANSCE Program Advisory Committee, 2000–2002
 Bates Program Advisory Committee, December 1998–2001
 LANSCE Program Advisory Committee, 1998
 NSF Nuclear Theory Panel Review, Chair, March 1998
 NSF Nuclear Theory Panel Review, Vice-Chair, Jan.–Feb. 1997
 Natural Sciences and Engineering Research Council (NSERC) of Canada,
 Subatomic Physics Grant Selection Committee (GSC19), August
 1994–July 1996
 NSF Review Panel for IUCF, August 1993
 LAMPF Program Advisory Committee, January 1993
 Bates Program Advisory Committee, 1985–1989
 NSAC Subcommittee on Computers and Computing, Sep 1984–Feb 1985
 Medium Energy Physics Users Review Committee, D.O.E. Division of
 Nuclear Physics, 1983
 DOE Headquarters Detailee, Nucl. Phys. Div., July 1980–Sept. 1981

PROFESSIONAL INTERESTS:

Theoretical nuclear physics: few-body systems; hypernuclear physics;
electromagnetic probes; meson-nucleus interactions; electroweak physics

OTHER ACCOMPLISHMENTS:

Patents in the field of epithermal neutron well logging

REFEREED PUBLICATIONS:

1. B. F. Gibson and L. I. Schiff, "P- and D-state Contributions to the Charge Form Factor of ^3H and ^3He ," *Phys. Rev.* **138**, B26-32 (1965).
2. B. F. Gibson, "P-and D-state Contributions to the Magnetic Moment Form Factors of ^3H and ^3He ," *Phys. Rev.* **139**, B1153-1159 (1965).
3. B. F. Gibson and K. J. van Oostrum, "Charge Structure of the Calcium Isotopes," *Nucl. Phys.* **A90**, 159-176 (1967).
4. B. F. Gibson and G. B. West, "Remarks Concerning Inelastic Electron Scattering from ^3He ," *Nucl. Phys.* **B1**, 349-359 (1967).
5. B. F. Gibson, "Structure of the Trinucleons," *Nucl. Phys.* **B2**, 501-517 (1967).
6. B. F. Gibson, A. Goldberg, and M. S. Weiss, "Single-Particle Ground-State Model of ^4He ," *Nucl. Phys.* **A111**, 321-330 (1968).
7. B. F. Gibson and A. Goldberg, "Trinucleon Three-Body Photodisintegration," *Nucl. Phys.* **A111**, 569-576 (1968).
8. B. F. Gibson, A. Goldberg, and M. S. Weiss, "On the Binding Energies of the $^6_\Lambda\text{He}$ - $^6_\Lambda\text{Li}$ Isodoublet," *Nuovo Cimento* **56B**, 190-191 (1968).
9. B. F. Gibson, A. Goldberg, and M. S. Weiss, "On Slater Variational Calculations for ^4He ," *Nucl. Phys.* **A118**, 225-237 (1969).
10. B. F. Gibson, A. Goldberg, and M. S. Weiss, "Hartree-Fock Calculation of Helium Hypernuclear Binding Energies," *Phys. Rev.* **181**, 1486-1493 (1969).
11. B. F. Gibson and J. S. O'Connell, "Angular Distribution of the Reaction $^1\text{H}(d, ^3\text{He})\gamma$," *Phys. Lett.* **32B**, 331-332 (1970).
12. J. A. Tjon, B. F. Gibson, and J. S. O'Connell, "Trinucleon Form Factors Calculated from Realistic Local Potentials," *Phys. Rev. Lett.* **25**, 540-542 (1970).
13. B. F. Gibson and M. S. Weiss, " Λ - ^4He Scattering at Low Energy," *Phys. Rev. C* **2**, 865-871 (1970).
14. M. Danos and B. F. Gibson, "Very High Momentum Components in Nuclei and Far 'Sub-Threshold' Production of Quarks," *Phys. Rev. Lett.* **26**, 473-476 (1971).
15. B. F. Gibson and H. T. Williams, "Virtual Photon Cross Sections for Two-Body Photodisintegration," *Nucl. Phys.* **A163**, 193-202 (1971).
16. E. Hayward, J. S. O'Connell, and B. F. Gibson, "Consequences of Isospin Sum Rules for Photonuclear Reactions," *Phys. Rev. C* **5**, 846-852 (1972).
17. L. S. Celenza, B. F. Gibson, M. K. Liou, and M. I. Sobel, "Non-Coplanar Neutron-Proton Bremsstrahlung," *Phys. Lett.* **41B**, 283-286 (1972).

18. B. F. Gibson, "Isospin Mixing in the Electric-Dipole ${}^4\text{He}(\gamma, n)$ and ${}^4\text{He}(\gamma, p)$ Reactions," *Nucl. Phys.* **A195**, 449-464 (1972).
19. B. F. Gibson, A. Goldberg, and M. S. Weiss, "Effects of $\Lambda - \Sigma$ Coupling in ${}^4_\Lambda\text{H}$, ${}^4_\Lambda\text{He}$, and ${}^5_\Lambda\text{He}$," *Phys. Rev. C* **6**, 741-747 (1972).
20. L. S. Celenza, B. F. Gibson, M. K. Liou, and M. I. Sobel, "Determination of Off-Shell t-matrix from pp Bremsstrahlung Data at 42 MeV," *Phys. Lett.* **42B**, 331-334 (1972).
21. J. Alster, J. S. McCarthy, B. F. Gibson, M. S. Weiss, and R. M. Wright, "Elastic Electron Scattering from ${}^{88}\text{Sr}$," *Phys. Rev. C* **7**, 1089-1098 (1973).
22. B. F. Gibson, A. Goldberg and M. S. Weiss, Addendum to "Effects of $\Lambda - \Sigma$ Coupling in ${}^4_\Lambda\text{H}$, ${}^4_\Lambda\text{He}$, and ${}^5_\Lambda\text{He}$," *Phys. Rev. C* **8**, 837 (1973).
23. L. S. Celenza, B. F. Gibson, M. K. Liou and M. I. Sobel, "Comment on Forward-Angle $pp\gamma$ Data at 156 MeV," *Phys. Rev. C* **8**, 838-840 (1973).
24. B. F. Gibson and G. J. Stephenson, Jr., "Charge Asymmetry Effects and the Trinucleon Binding Energy Difference," *Phys. Rev. C* **8**, 1222-1225 (1973).
25. B. F. Gibson and D. R. Lehman, "Hypertriton as a Test of Theoretical Hyperon-Nucleon Potentials," *Phys. Rev. C* **10**, 888-892 (1974); *C* **14**, 2346 (1976).
26. M. Bolsterli, W. R. Gibbs, B. F. Gibson, and G. J. Stephenson, Jr., "Galilean-Invariance Ambiguity in the Nonrelativistic Pion-Nucleon Absorption Operator," *Phys. Rev. C* **10**, 1225-1226 (1974).
27. B. F. Gibson and D. R. Lehman, "Two-Body Photodisintegration of ${}^3\text{He}$ and ${}^3\text{H}$," *Phys. Rev. C* **11**, 29-42 (1975).
28. W. R. Gibbs, B. F. Gibson, and G. J. Stephenson, Jr., "Extraction of a from the Reaction $\pi^- d \rightarrow \gamma nn$," *Phys. Rev. C* **11**, 90-99 (1975); *C* **12**, 2130 (1975).
29. B. F. Gibson and G. J. Stephenson, Jr., "Charge Asymmetry Effects and the Trinucleon Binding Energy II: Inclusion of the Tensor Force and Singlet Repulsion," *Phys. Rev. C* **11**, 1448-1454 (1975).
30. B. F. Gibson and D. R. Lehman, "Meson-Theoretic Potentials and the Hypertriton: A Reply," *Phys. Rev. C* **11**, 2090-2093 (1975).
31. W. R. Gibbs, B. F. Gibson, A. T. Hess, G. J. Stephenson, Jr., and W. B. Kaufmann, "Pion Charge-Exchange Scattering from Light Nuclei," *Phys. Rev. Lett.* **36**, 85-88 (1976).
32. D. R. Lehman and B. F. Gibson, "Integral Relation for the Asymptotic Normalization of the Triton," *Phys. Rev. C* **13**, 35-37 (1976).
33. B. F. Gibson and D. R. Lehman, "Three-Body Photodisintegration of ${}^3\text{He}$," *Phys. Rev. C* **13**, 477-488 (1976).

34. A. T. Hess and B. F. Gibson, "Pion Charge Exchange on ^3H ," *Phys. Rev. C* **13**, 749-753 (1976).
35. W. R. Gibbs, B. F. Gibson, A. T. Hess, G. J. Stephenson, Jr., and W. B. Kaufmann, "Elastic Pion- ^4He Scattering," *Phys. Rev. C* **13**, 2433-2438 (1976).
36. B. F. Gibson and D. R. Lehman, "Four-Body Bound States from the Schrödinger Equation with Separable Potentials," *Phys. Rev. C* **14**, 685-691 (1976); *C* **15**, 2257 (1977).
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