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DECEMBER 1981

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OFFICE OF ENERGY RESEARCH
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Contract No.: DE-AC-02-80ER10643

Title: "The Measurement of Total Cross Sections for Nuclear Reactions Induced by Low Energy Charged Particles"

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Principal Investigator(s): R. Peterson

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Title: "Nuclear Reaction Theory"

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Title: "Experimental Studies of Nuclides Far from Stability"

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Title: "Nuclear Structure from Radioactive Decay"

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Title: "Light Particle Emission Studies in Heavy Ion Nuclear Reactions"

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Title: "Study of Parity Violation in Electron-Carbon Scattering"

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Title: "Hypernuclear Spectroscopy"

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Principal Investigator(s): P. Kirk

Contract No.: DE-AS05-81ER04699

Title: "Experiments using the TASS and HISS Spectrometers at the Bevalac"

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Title: "The Structure of Nuclei Far From Beta Stability"

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Contract No.: DE-AC02-79ER10344

Title: "Neutron Scattering Studies in Thorium and Uranium"

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Contract No.: DE-AS05-76ER05172

Title: "Reaction Mechanism Studies of Heavy-Ion-Induced Nuclear Reactions"

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Contract No.: DE-AS05-76ER05126

Title: "Theoretical Nuclear Physics Calculations"

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Contract No.: DE-AS05-81ER10494

Title: "Radioactive Decay Studies at TRISTAN"

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Title: "Nuclear Theory"

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Principal Investigator(s): P. Signell

Contract No.: DE-AC02-81ER10516

Title: "Nucleon-Nucleon Theory and Phenomenology"

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Contract No.: DE-AS02-81ER02025

Title: "Absolute Measurements of Neutron Cross Sections"

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Principal Investigator(s): R. Carlton

Contract No.: DE-AS05-80ER10710

Title: "Nuclear Structure Studies via Neutron Interactions"

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Principal Investigator(s): B. Bayman, P. Ellis, Y. Tang

Contract No.: DE-AC02-79ER10364

Title: "Research in Theoretical Nuclear Physics"

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Principal Investigator(s): D. Dehnhard

Contract No.: DE-AC02-79ER10423

Title: "Nuclear Structure Studies with Pions and Heavy Ions"

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Contract No.: DE-AS05-81ER04215

Title: "Nuclear Structure Studies at Intermediate Energies"

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Principal Investigator(s): J. Heisenberg

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Title: "Nuclear Structure Investigations on Spherical Nuclei"

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Principal Investigator(s): G. Burleson

Contract No.: DE-AS04-81ER03591

Title: "Experimental Studies of Various Nucleon and Pion Interactions at Intermediate Energies"

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Contract No.: DE-AS04-79ER10411

Title: "Neutron Diagnostics of Fusion Systems and Related Cross Section Measurements"

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Principal Investigator(s): J. Garg

Contract No.: DE-AC02-76ER02439

Title: "Measurement and Analysis of Neutron Cross Sections with the Oak Ridge Linear Accelerator ORELA Neutron Facility"

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Contract No.: DE-AS02-81ER03470

Title: "Nuclear Reaction Studies"

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Principal Investigator(s): H. Lancman

Contract No.: DE-AS02-81ER10452

Title: "High Resolution Photofission Measurements in ^{238}U and ^{232}Th "

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Principal Investigator(s): C. Trail

Contract No.: DE-AC02-81ER40023

Title: "Bremsstrahlung from Nuclear Scattering at Low Energy Near
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Principal Investigator(s): M. Lubell

Contract No.: DE-AC02-81ER40017

Title: "Parity Violating Weak Neutral Current Effects in Elastic
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Contract No.: DE-AC02-81ER10353

Title: "Computational Methods for the Nuclear and Neutron Matter Problems"

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Principal Investigator(s): S. Cotanch

Contract No.: DE-AS05-79ER10407

Title: "Study of the Interaction of Kaons and Photons with the Atomic Nucleus"

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Contract No.: DE-AS05-81ER03624

Title: "Nuclear Structure Research at Triangle Universities Nuclear Laboratory (TUNL)"

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Contract No.: DE-AS05-81ER02408

Title: "Studies of Nuclear Processes"

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Institution: Northwestern University

Principal Investigator(s): K. Seth

Contract No.: DE-AC02-81ER02706

Title: "Nuclear Structure Studies with Medium Energy Probes"

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Institution: Oak Ridge Associated Universities

Principal Investigator(s): E. Spejewski

Contract No.: DE-AC05-76OR00033

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Contract No.: DE-AC02-81ER02490

Title: "Isospin and Giant Resonance Effects in Neutron Scattering and
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Contract No.: DE-AS02-81ER10397

Title: "Theory of Electron Induced Reactions"

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Institution: University of Oklahoma

Principal Investigator(s): R. Petry

Contract No.: DE-AS05-80ER10495

Title: "Transitional Nuclei in the $A \sim 100$ Region"

Address: Department of Physics and Astronomy
University of Oklahoma
Norman, Oklahoma 73019

Phone Number: (405) 325-3962

Personnel (September 1981):

Faculty: R. Petry

Post-doctoral:

Graduate Student: H. Dejbakhsh

Institution: Oregon State University

Principal Investigator(s): W. Loveland

Contract No.: DE-AT06-81ER70035

Title: "Radiochemical Studies of Low Energy and Relativistic Heavy Ion Reactions"

Address: Radiation Center
Oregon State University
Corvallis, OR 97331

Phone Number: (503)-754-2341

Personnel (September 1981):

Faculty:

W. Loveland

Post-doctoral:

Graduate Student:

L. Ghannam

R. Kraus

Institution: Oregon State University

Principal Investigator(s): V. Madsen

Contract No.: DE-AT06-81ER10405

Title: "Theoretical Studies of Multistep Processes and Isospin Effects
in Nuclear Scattering"

Address: Department of Physics
Oregon State University
Corvallis, OR 97331

Phone Number: (503)-754-4631

Personnel (September 1981):

Faculty:

V. Madsen

Post-doctoral:

Graduate Student:

Laboratory: Pacific Northwest Laboratories

Division: Nuclear Physics

Personnel (September 1981):

Permanent Staff:

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H. Palmer

P. Reeder

R. Warner

Address: Battelle Memorial Institute
Pacific Northwest Laboratory
P. O. Box 999
Richland, WA 99352

Phone: (509) 375-2426

Institution: University of Pennsylvania

Principal Investigator(s): F. Ajzenberg-Selove

Contract No.: DE-AS02-81ER02785

Title: "Compilation of Information on the Energy Levels of the Light Nuclei"

Address: Department of Physics
University of Pennsylvania
Philadelphia, PA 19104

Phone Number: (215)-243-1293

Personnel (September 1981):

Faculty:

F. Ajzenberg-Selove

Post-doctoral:

Graduate Student:

Institution: University of Pennsylvania

Principal Investigator(s): S. Frankel

Contract No.: DE-AC02-81ER04660

Title: "Research in Very High Energy Nuclear Physics"

Address: Department of Physics
University of Pennsylvania
Philadelphia, PA 19104

Phone Number: (215)-243-3414

Personnel (September 1981):

Faculty:

S. Frankel
W. Frati
H. Brody
W. Molton

Post-doctoral:

Graduate Student:

P. Lindblom
M. Wood

Institution: Princeton University

Principal Investigator(s): R. Naumann

Contract No.: DE-AC02-81ER02184

Title: "Nuclear Chemistry Project"

Address: Department of Chemistry
Princeton University
Princeton, NJ 08544

Phone Number: (FTS) 345-4372

Personnel (September 1981):

Faculty:
R. Naumann

Post-doctoral:

Graduate Student:
T. Altzitzoglou

Institution: Purdue University

Principal Investigator(s): P. Daly

Contract No.: DE-AC02-81ER01672

Title: "Studies of Yrast and Continuum States in $A = 140-160$ Nuclei"

Address: Department of Chemistry
Purdue University
Chemistry Building
West Lafayette, IN 47907

Phone Number: (317)- 494-5328

Personnel (September 1981):

Faculty:

P. Daly
Z. Grabowski

Post-doctoral:

H. Helppi
M. Kortelahti

Graduate Student:

Y. Chung
J. McNeill
J. Wilson

Institution: Purdue University

Principal Investigator(s): N. Porile

Contract No.: DE-AC02-79ER01505

Title: "Deexcitation Processes in Nuclear Reactions"

Address: Department of Chemistry
Purdue University
Chemistry Building
West Lafayette, IN 47907

Phone Number: (317)-494-2889

Personnel (September 1981):

Faculty:

N. Porile

Post-doctoral:

S. Agarwal
A. Bujak

Graduate Student:

J. Herrmann
D. Klingensmith
Y. Ohkubo
C. Wang

Institution: Purdue University

Principal Investigator(s): R. M. Steffen

Contract No.: DE-AC02-81ER02875

Title: "Study of Muonic Atoms"

Address: Department of Physics
Purdue University
West Lafayette, IN 47907

Phone Number: (317)-494-8112

Personnel (September 1981):

Faculty:

R. M. Steffen

Post-doctoral:

Y. Tanaka

Graduate Student:

Institution: Rensselaer Polytechnic Institute

Principal Investigator(s): D. Sperber

Contract No.: DE-AC02-81ER3463

Title: "Theoretical Studies of Heavy Ion Collisions at Low and Intermediate Energies Using Macroscopic Models"

Address: Department of Physics
Rensselaer Polytechnic Institute
Troy, NY 12181

Phone Number: (518)-270-6418

Personnel (September 1981):

Faculty:

D. Sperber

Post-doctoral:

B. Samanta

M. Zielinka-Pfabe

Graduate Student:

Institution: Rice University

Principal Investigator(s): G. Phillips

Contract No.: DE-AS05-81ER40032

Title: "Nuclear Structure at Intermediate Energies"

Address: T. W. Bonner Nuclear Laboratories
Rice University
Houston, TX 77001

Phone Number: (713)-528-2159

Personnel (September 1981):

Faculty:

S. Baker
I. Duck
G. Mutchler
G. Phillips

Post-doctoral:

J. Buchanan
J. Clement
H. Viereck
J. Windish

Graduate Student:

W. Madigan
C. Naudet
G. Pepins
S. Turpin
E. Umland

Institution: University of Rochester

Principal Investigator(s): J. French

Contract No.: DE-AC02-81ER02171

Title: "Nuclear Structure Theory"

Address: Department of Physics and Astronomy
University of Rochester
Rochester, NY 14627

Phone Number: (716)-275-4359

Personnel (September 1981):

Faculty:

J. French
D. Koltun

Post-doctoral:

V. Kota
A. Saharia

Graduate Student:

S. Rab

Institution: University of Rochester

Principal Investigator(s): J. Huizenga

Contract No.: DE-AC02-81ER03496

Title: Studies of Heavy Ion Reactions and Transuranic Nuclei

Address: Nuclear Structure Research Laboratory
University of Rochester
Rochester, NY 14627

Phone Number: (716)-275-4941
FTS 430-4941

Personnel (September 1981):

Faculty:

J. Birkelund
J. Huizenga
W. Schröder

Post-doctoral:

W. Wilcke
H. Wollersheim

Graduate Student:

M. Butler
A. Hoover
J. Kosky
L. Tubbs

Laboratory: Rockwell International

Division: Nuclear Physics

Personnel (September 1981):

Permanent Staff:

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D. Kneff

B. Oliver

Address: Rockwell International Corporation
Energy Systems Group
P. O. Box 309
Canoga Park, CA 91304

Phone: (213) 341-1000

Institution: University of South Carolina

Principal Investigator(s): F. Avignone

Contract No.: DE-AS09-81ER10434

Title: "High Resolution Positron Q-value Measurements and Nuclear Structure Studies far from the Stability Line"

Address: Department of Physics and Astronomy
University of South Carolina
Columbia, SC 29208

Phone Number: (803)-777-4121

Personnel (September 1981):

Faculty:

F. Avignone

Post-doctoral:

H. Noma

Graduate Student:

Institution: Stanford University

Principal Investigator(s): R. Hofstadter, E. Hughes

Contract No.: DE-AT03-80ER10688

Title: "Equipment for Study of Rare Muon Decays at LAMPF"

Address: W. W. Hansen Laboratories of Physics
Stanford University
Stanford, CA 94305

Phone Number: (415)-479-0281

Personnel (September 1981):

Faculty:

R. Hofstadter

E. Hughes

Post-doctoral:

Graduate Student:

S. Wilson

Institution: Temple University

Principal Investigator(s): W. McFarlane

Contract No.: DE-AC02-81ER03539

Title: "Experimental Investigations in Particle Physics at Intermediate Energies"

Address: Department of Physics
Temple University
Philadelphia, PA 19122

Phone Number: (215)-787-7730

Personnel (September 1981):

Faculty:

L. Auerbach
V. Highland
W. McFarlane

Post-doctoral:

Graduate Student:

F. Gaille
E. Jastrzembski

Institution: Tennessee Technological University

Principal Investigator(s): R. Kozub

Contract No.: DE-AS05-79ER10335

Title: "Structure of Neutron Rich Nuclei Using Inverse Heavy Ion Reactions"

Address: Department of Physics
Tennessee Technological University
Cookeville, TN 38501

Phone Number: (615)-528-3479

Personnel (September 1981):

Faculty:

R. Kozub

Post-doctoral:

Graduate Student:

Institution: Tennessee Technological University

Principal Investigator(s): J. Mateja

Contract No.: DE-AS05-80ER10714

Title: "The Dependence of Heavy Ion Resonance Formation on the
Nuclear Structure of the Entrance Channel Nuclei"

Address: Department of Physics
Tennessee Technological University
Cookeville, TN 38501

Phone Number: (615)-528-3483

Personnel (September 1981):

Faculty:

J. Mateja

Post-doctoral:

Graduate Student:

Institution: University of Tennessee

Principal Investigator(s): C. Bingham, L. Riedinger

Contract No.: DE-AS05-79ER04936

Title: Nuclear Spectroscopic Studies

Address: Department of Physics and Astronomy
University of Tennessee
Knoxville, Tennessee 37916

Phone Number: (615) 974-3342

Personnel (September 1981):

Faculty:

C. Bingham
L. Riedinger
M. Guidry

Post-doctoral:

H. Owen

Graduate Student:

L. Courtney
P. Luk
T. Nicols

Institution: Texas A&M University

Principal Investigator(s): R. Bryan, B. VerWest

Contract No.: DE-AS05-81ER05223

Title: "Intermediate Energy Nuclear Theory"

Address: Department of Physics
Texas A&M University
College Station, TX 77843

Phone Number: (713)-845-5111

Personnel (September 1981):

Faculty:

R. Bryan
R. Clark
C. Dominguez
H. Garcilazo
B. VerWest

Post-doctoral:

L. Litsch

Graduate Student:

J. McClain

Institution: Texas A&M University

Principal Investigator(s): L. Northcliffe

Contract No.: DE-AS05-76ER04449

Title: "Study of the Neutron-Proton Interaction in the 300-700 MeV Energy Region"

Address: Cyclotron Institute
Texas A&M University
College Station, TX 77843

Phone Number: (713)-845-1411

Personnel (September 1981):

Faculty:

J. Hiebert
R. Kenefick
L. Northcliffe

Post-doctoral:

T. Bhatia
G. Glass

Graduate Student:

W. Tippens

Institution: Texas A&M University

Principal Investigator(s): H. Schuessler

Contract No.: DE-AS05-80ER10578

Title: "Hyperfine Structure and Isotope Shift Measurements of Short-Lived Elements
by Laser Spectroscopy"

Address: Department of Physics
Texas A&M University
College Station, TX 77843

Phone Number: (713)-845-5455

Personnel (September 1981):

Faculty:
H. Schuessler

Post-doctoral:

J. Parker

Graduate Student:

W. Pruitt

Institution: Texas A&M University

Principal Investigator(s): D. Youngblood

Contract No.: DE-AS05-80ER10565

Title: "Cyclotron-Based Nuclear Science"

Address: Cyclotron Institute
Texas A&M University
College Station, TX 77843

Phone Number: (713)-845-1411

Personnel (September 1981):

Faculty:

J. Bronson	R. Schmitt
D. Haenni	R. Tribble
T. Izumoto	D. Youngblood
B. Laune'	
D. May	
K. Nagatani	
N. Namboodiri	
J. Natowitz	
L. Northoliffe	

Post-doctoral:

R. Choudhury	N. Takahashi
U. Garg	E. Ungricht
D. Gonthier	
Y. Lui	
G. Mouchaty	
S. Nath	
R. Neese	
J. Sullivan	

Graduate Student:

L. Adler
J. Dumas
K. Hagel
M. Parkin
H. Simon
D. Tanner
H. Woolverton

Institution: University of Texas

Principal Investigator(s): G. Hoffmann

Contract No.: DE-AS05-81ER10638

Title: "Nuclear Structure Studies using the High Resolution Spectrometer
at LAMPF"

Address: Department of Physics
University of Texas
Austin, TX 78712

Phone Number: (515)-417-1353

Personnel (September 1981):

Faculty:
G. Hoffmann
L. Ray

Post-doctoral:

M. Barlett

Graduate Student:

R. Fergerson
J. Marshall
E. Milner

Institution: University of Texas

Principal Investigator(s): B. Hoistad

Contract No.: DE-AS05-80ER10706

Title: "Experimental Research in Nuclear Physics at Intermediate Energies"

Address: Department of Physics
University of Texas
Austin, TX 78712

Phone Number: (512)-471-4064

Personnel (September 1981):

Faculty:

B. Hoistad

Post-doctoral:

Graduate Student:

Institution: University of Texas

Principal Investigator(s): C. Moore

Contract No.: DE-AS05-81ER05224

Title: "Research in Experimental Nuclear Physics"

Address: Department of Physics
University of Texas
Austin, TX 78712

Phone Number: (512)-471-1236 (FTS-734-5974)

Personnel (September 1981):

Faculty:

C. Moore

Post-doctoral:

C. Goulding

Graduate Student:

K. Boyer
W. Cottingame
S. Elston
C. Harvey
R. Kaziah
B. Nelson

Institution: University of Texas at Austin

Principal Investigator(s): P. Riley

Contract No.: DE-AC05-81ER40030

Title: "Medium Energy Measurements of N-N Parameters"

Address: Department of Physics
University of Texas
Austin, TX 78712

Phone Number: (512)-471-5957

Personnel (September 1981):

Faculty:

P. Riley

Post-doctoral:

C. Hollas

Graduate Student:

D. Cremans

R. Rodebaugh

Institution: University of Texas at Austin

Principal Investigator(s): T. Tamura

Contract No.: DE-AC05-81ER40031

Title: "Research in Theoretical Nuclear Physics"

Address: Department of Physics
University of Texas
Austin, TX 78712

Phone Number: (512)-471-1353

Personnel (September 1981):

Faculty:

W. Coker
T. Tamura
T. Udagawa

Post-doctoral:

Y. Kondo
Y. Tzeng

Graduate Student:

L. Lee
V. Pedrocchi

Institution: Vanderbilt University

Principal Investigator(s): J. Hamilton

Contract No.: DE-AS05-79ER05034

Title: "Experimental Nuclear Structure Research via In-Beam Spectroscopy,
Transfer Reactions, Heavy-Ion Collisions"

Address: Department of Physics and Astronomy
Vanderbilt University
Nashville, TN 37235

Phone Number: (615)-322-2828

Personnel (September 1981):

Faculty:

R. Albridge
J. Hamilton
C. Maguire
R. Piercey
A. Ramayya

Post-doctoral:

L. Cleemann
S. Panchol
R. Soundranayagam
H. Yamada

Graduate Student:

M. Barclay
M. Herath-Banda
W. Ma

Institution: Vassar College

Principal Investigator(s): R. Stearns

Contract No.: DE-AC02-77ER04195

Title: "Measurement of Lambda and Sigma Hypernuclear States in Nuclei"

Address: Department of Physics & Astronomy
Vassar College
Poughkeepsie, NY 12601

Phone Number: (914)-452-7000

Personnel (September 1981):

Faculty:

R. Stearns

Post-doctoral:

Graduate Student:

Institution: Virginia Polytechnic Institute and State University

Principal Investigator(s): R. Arndt, L. Roper

Contract No.: DE-AS05-81ER04928

Title: "Partial Wave Analyses of Scattering Reactions Below 2 GeV"

Address: Department of Physics
Virginia Polytechnic Institute and State University
Blacksburg, VA 24061

Phone Number: (703)-961-5353

Personnel (September 1981):

Faculty:

R. Arndt

L. Roper

Post-doctoral:

M. Manley

Graduate Student:

K. Hashimoto

Institution: University of Virginia

Principal Investigator(s): J. McCarthy

Contract No.: DE-AS05-80ER10633

Title: Electron and Pion Interactions with Nuclei

Address: Department of Physics
University of Virginia
McCormick Road
Charlottesville, VA 22901

Phone Number: (804)-924-3781

Personnel (September 1981):

Faculty:

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J. McCarthy
B. Norum
R. Whitney

Post-doctoral:

R. Altemus
D. Day
L. Orphanos

Graduate Student:

G. Mechtel
J. Miller
W. Savansanbon •
T. Veng
J. Wise
N. Wright

Institution: University of Virginia

Principal Investigator(s): R. Minehart, K. Ziock

Contract No.: DE-AS05-81ER04043

Title: "Experiments on the Nuclear Interactions of Pions"

Address: Department of Physics
University of Virginia
Charlottesville, VA 22903

Phone Number: (804)-924-3781

Personnel (September 1981):

Faculty:

R. Minehart
K. Ziock

Post-doctoral:

J. Boswell
W. Stephens

Graduate Student:

R. Marshall

Institution: University of Washington, Seattle

Principal Investigator(s): E. Henley

Contract No.: DE-AC06-76ER01388

Title: Theoretical Nuclear and Particle Physics

Address: Institute for Nuclear Theory
University of Washington
Seattle, WA 98195

Phone Number: (206)-543-2770

Personnel (September 1981):

Faculty:

E. Henley
G. Miller
R. Puff
L. Wilets

Post-doctoral:

R. Goldflam
P. Hoodbhoy
W. Hwang

Graduate Student:

L. Carson
M. Morgan

Institution: University of Washington, Seattle

Principal Investigator(s): R. Vandenbosch

Contract No.: DE-AC06-79ER01388

Title: "University of Washington Nuclear Physics Laboratory Research and Operations"

Address: Nuclear Physics Laboratory
University of Washington
Seattle, WA 98195

Phone Number: (206)-543-4080

Personnel (September 1981):

Faculty:

E. Adelberger	T. Trainor
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G. Farwell	
I. Halpern	
A. Lazzarini	
F. Schmidt	
K. Snover	
Post-doctoral:	
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M. Hindi	

Graduate Student:

T. Chupp	S. Kellogg
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G. Feldman	K. Lesko
S. Gill	D. Lock
D. Holmgren	R. Loveman
C. Hoyle	A. Ray
Z. Iqbal	R. Von Lintig

Institution: Washington University, St. Louis

Principal Investigator(s): D. Sarantites

Contract No.: DE-AC02-81ER04052

Title: "Investigations of Nuclear Structure and Nuclear Reactions
Induced by Complex Projectiles"

Address: Department of Chemistry
Washington University
St. Louis, MO 63130

Phone Number: (314)-889-6504

Personnel (September 1981):

Faculty:

D. Sarantites

Post-doctoral:

F. Dilmanian

J. Jaaskeläinen

Graduate Student:

R. Woodward

Institution: University of Wisconsin, Madison

Principal Investigator(s): L. Anderson

Contract No.: DE-AC02-81ER40001

Title: "Research and Development on Optically Pumped Polarized
Ion Sources"

Address: Department of Physics
University of Wisconsin
1150 University Avenue
Madison, WI 53706

Phone Number: (608)-262-3077

Personnel (September 1981):

Faculty:
L. Anderson

Post-doctoral:

Graduate Student:

J. Cusma
D. Swenson

Institution: University of Wisconsin - Madison

Principal Investigator(s): L. Knutson

Contract No.: DE-AC02-81ER10410

Title: "Search for Charge Symmetry Violation in n-p Scattering"

Address: Department of Physics
University of Wisconsin
1150 University Avenue
Madison, WI 53706

Phone Number: (608)-262-3096

Personnel (September 1981):

Faculty:

L. Knutson
P. Quin

Post-doctoral:

Graduate Student:

G. Orr
J. Sowinski

Institution: University of Wisconsin, Madison

Principal Investigator(s): H. Richards

Contract No.: DE-AC02-81ER40010

Title: "Research in Nuclear Physics"

Address: Department of Physics
University of Wisconsin
1150 University Avenue
Madison, WI 53760

Phone Number: (608)-262-3822

Personnel (September 1981):

Faculty:

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L. Knutson
P. Quin
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J. Zhang

Post-doctoral:

J. Billen
D. Mavis
S. Sen

Graduate Student:

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G. Caskey	
P. Colby	
C. Gassett	
J. Kammervad	
G. Orr	

Institution: University of Wyoming

Principal Investigator(s): R. Kunselman

Contract No.: DE-AC02-81ER02197

Title: "Mesonic Atoms"

Address: Department of Physics and Astronomy
University of Wyoming
P. O. Box 3905, University Station
Laramie, WY 82071

Phone Number: (307)-766-4366

Personnel (September 1981):

Faculty:

R. Kunselman

Post-doctoral:

Graduate Student:

M. Manley

Institution: Yale University

Principal Investigator(s): D. Bromley

Contract No.: DE-AC02-76ER03074

Title: "Nuclear Physics Research Operations and Development at the
Wright Nuclear Structure Laboratory"

Address: A. W. Wright Nuclear Structure Laboratory
Yale University
272 Whitney Avenue
New Haven, CT 06520

Phone Number: (202)-436-3026

Personnel (September 1981):

Faculty:

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J. Greenberg	
F. Iachello	
P. Parker	

Post-doctoral:

A. Ahmed	N. Tsoupas
M. Anthony	M. Weller
E. Fehr	S. Willett
M. Gai	
W. Greiner	
A. Howard	
R. Keddy	
P. LaMarche	
R. Nath	

Graduate Student:

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A. Champagne	S. Kuyucak	J. Schweppe
M. Cunningham	S. Lee	S. Sterbeny
B. Dichter	J. Manoyan	J. Thomas
M. Drigert	J. O'Conner	S. Umar
M. Greene	M. Rosenthal	T. Wang
R. Hatch	M. Ruscev	T. Zouros

Institution: Yale University

Principal Investigator(s): V. Hughes

Contract No.: DE-AC02-81ER03075

Title: "Medium Energy Elementary Particle Physics"

Address: Department of Physics
Yale University
New Haven, CT 06520

Phone Number: (203)-436-3566

Personnel (September 1981):

Faculty:

P. Egan
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Graduate Student:

P. Bolton
G. Cates
C. Gardner
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