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Prepared by

Communications, Printing and Design
P.O. Box 117, MS 44
Oak Ridge, Tennessee 37831-0117

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ORISE Radioactive Ion Beam Studies (ORIBS)

Batchelder, J.C., J.C. Bilheux, C.R. Bingham, H.K. Carter, J.D. Cole, D. Fong, P.E. Garrett, R. Grzywacz, J.H. Hamilton, D.J. Hartley, J.K. Hwang, W. Krolas, D. Kulp, Y. Larochele, A. Piechaczek, A.V. Ramayya, K.P. Rykaczewski, E.H. Spejewski, D.W. Stracener, M.N. Tantawy, J.A. Winger, J. Wood, and E.F. Zganjar. "The CARDS Array for Neutron-Rich Decay Spectroscopy at HRIBF." *Nuclear Instruments and Methods in Physics Research*, Section B, 204 (2003), 625.

Batchelder, J.C., K.S. Toth, M.W. Rowe, T.N. Ginter, K.E. Gregorich, V.E. Ninov, F.Q. Guo, J. Powell, X.J. Xu, and J. Cerny. "Evidence for the Identification of ^{178}Pb ." *Proceedings of the Second International Symposium on Proton Emitting Nuclei*, held in Legnaro-Padova, Italy, February 12–15, 2003, 144. Woodbury, New York: American Institute of Physics, 2003.

Ginter, T. N., J.C. Batchelder, C. R. Bingham, C. J. Gross, R. Grzywacz, J. H. Hamilton, Z. Janas, A. Piechaczek, A.V. Ramayya, K. Rykaczewski, W.B. Walters, and E.F. Zganjar. "Neutron Single-Particle States Populated Via Proton Emission from ^{146}Tm and ^{150}Lu ." *Physical Review C*, 68 (2003), ID Number 034330.

Grzywacz, R., E. Badura, J.C. Batchelder, D. Bingham, C.J. Gross, J.H. Hamilton, Z. Janas, M. Karny, W. Krolas, C. Mazzocchi, J.W. McConnell, M. Momayezi, M. Pftzner, K. Rykaczewski, and K. Schmidt. "The Art of Digital Spectroscopy: A New Tool in Action." *Proceedings of ENAM01 (Exotic Nuclei and Atomic Masses) Conference*, held in Hameenlinna, Finland, July 2-7, 2001, 453. Berlin, Germany: Springer-Verlag, 2003.

Hamilton, J.H., A.V. Ramayya, H.K. Carter, eds. *Proceedings of the Third International Conference: Fission and Properties of Neutron-Rich Nuclei*. Singapore: World Scientific, 2003.

Rykaczewski, K.P., R. Grzywacz, C.R. Batchelder, D. Bingham, T.N. Fong, C.J. Ginter, J.H. Gross, D.J. Hamilton, J.K. Hartley, Z. Hwang, M. Janas, M. Karny, W. Krolas, W. Kulp, Y. Larochele, T.A. Lewis, K.H. Maier, J.W. McConnell, A. Piechaczek, A.V. Ramayya, K. Rykaczewski, D. Shapira, M.N. Tantawy, J.A. Winger, C.H. Yu, E.F. Zganjar, K. Hagino, A.T. Kruppa, W. Nazarewicz, P. Semmes, and T. Vertse. "Fine Structure in One-Proton Emission Studied at Oak Ridge." *Proceedings of the Second International Symposium on Proton Emitting Nuclei*, held in Legnaro-Padova, Italy, February 12–15, 2003, 11. Woodbury, New York: American Institute of Physics, 2003.

Karny, M., R.K. Grzywacz, J.C. Batchelder, C.R. Bingham, C.J. Gross, K. Hagino, J.H. Hamilton, Z. Janas, W.D. Kulp, J.W. McConnell, M. Momayezi, A. Piechaczek, K.P. Rykaczewski, P.A. Semmes, M.N. Tantawy, J.A. Winger, C.H. Yu, and E.F. Zganjar. "Fine Structure in Proton Emission from ^{145}Tm Discovered with the Technique of Digital Signal Processing." *Physical Review Letters*, 90 (2003), ID Number 012502.

Liang, J. F., J.R. Beene, A. Galindo-Uribarri, J. Gomez del Campo, C.J. Gross, P.A. Hausladen, P.E. Mueller, D. Shapira, D.W. Stracener, and R.L. Varner. "Breakup of ^{17}F on ^{208}Pb Near the Coulomb Barrier." *Physical Review C*, 67 (2003), ID Number 044603.

Pavan, J., S.L. Tabor, A.V. Afanasjev, C. Baktash, F. Cristancho, M. Devlin, J.D. Oring, C.J. Gross, G.D. Johns, R.A. Kaye, D.R. LaFosse, I.Y. Lee, F. Lerma, A.O. Macchiavelli, D.G. Sarantites, and G.N. Solomon. "Lifetime Measurements and Terminating Structures in ^{87}Nb ." *Physical Review C*, 67 (2003), ID Number 034316.

Yu, C.H., J.C. Batchelder, C.R. Bingham, C. J. Gross, R. Grzywacz, and K. Rykaczewski. "Gamma-Ray Spectroscopy Beyond the Proton Drip Line." *Proceedings of the Second International Symposium on Proton Emitting Nuclei*, held in Legnaro-Padova, Italy, February 12–15, 2003, 172. Woodbury, New York: American Institute of Physics, 2003.

National Institute for Occupational Safety and Health (NIOSH)

Toohey, R.E. "Excretion of Depleted Uranium by Gulf War Veterans." *Radiation Protection Dosimetry* 105 (2003), 171–174.

Toohey, R.E. "Internal Dose Assessment in Radiation Accidents." *Radiation Protection Dosimetry* 105 (2003), 329–332.

Business Operations

Communications, Printing, and Design (CPD)

CPD. *2002 Annual Report*. 02-0863. 2003.

CPD. *ORAU/ORISE 2002 Bibliography*. 02-1428. 2003.

CPD. *The Outlook*. January–December, 2003.

Health, Safety, and Emergency Management

Herring, M., and R. Tardif. "Assessing the Threat: CDC Turns to Qualitative Research to Address Fears of Bioterrorism." *Quirk's Market Research Review*, 6 (2003), pp. 18–19, 84–86.

Hogan, C., M. Reilly, F. Gray, E. Sample, S. Miller, M. Terranova, I. Treitler, and J. Zimmatore. *ORISE-NIP Web Site Usability Study*. Centers for Disease Control and Prevention, National Immunization Program, March 2003. HSE. *National Immunization Program*. Office of Health Communication, 2003.

HSE. *Smallpox Vaccination Intentions of Hospitals and Health Departments as Reported in the Print Media, December 10, 2002, to February 28, 2003*. Centers for Disease Control and Prevention, 2003.

Tardif, R., M. Joseph, F. Gray, and D. Johnson. *Minority Perceptions of Public Health Issues in Indiana*. Indiana State Department of Health, 2003.

Medical Education and Outreach (MEO)

Presented Papers

Durham, R., R. Foster, and W. Templin-Branner. *The National Library of Medicine: Empowering Communities with Health Information*. Consumer Health Information Resources Project Health Fair, Knoxville, Tennessee, 2003.

Durham, R., W. Templin-Branner, and R. Foster. *The National Library of Medicine: Web Resources for Health Professionals*. National Medical Association, Region V, Shreveport, Louisiana, 2003. Foster, R., R. Durham, and W. Templin-Branner. *The National Library of Medicine: Empowering Communities with Health Information*. Congressional Black Caucus Health Braintrust, Washington, D.C., 2003.

Foster, R., W. Templin-Branner, and R. Durham. *The National Library of Medicine: Empowering Communities with Health Information*. United Negro College Fund Special Programs Corporation, Bethesda, Maryland, 2003.

Foster, R. *Toxicology and Environmental Health Information on the Internet*. National Environmental Health Association Annual Education Conference, Reno, Nevada, 2003.

Hester, S., R. Durham, W. Templin-Branner, and R. Foster. *Basic Health Information on the World Wide Web: An Internet Skills Development Workshop*. Consumer Health Information Resources Project, Oak Ridge, Tennessee, 2003.

Hester, S., W. Templin-Branner, R. Foster, and R. Durham. *A Click Away: Empowering Communities with Health Information*. University of Arkansas, Pine Bluff, 2003.

Hester, S., W. Templin-Branner, R. Durham, and R. Foster. *The National Library of Medicine: Web Resources for Parish Nurses*. Consumer Health Information Resources Project, Oak Ridge, Tennessee, 2003.

Hester, S., W. Templin-Branner, R. Foster, and R. Durham. *The National Library of Medicine's Medical and Environmental Health Web Resources for Health Professionals*. University of Arkansas, Pine Bluff, 2003.

Templin-Branner, W., R. Durham, and R. Foster. *The National Library of Medicine: Web Resources for Health Professionals*. National Medical Association, Region II, Southampton, Bermuda, 2003.

Templin-Branner, W., R. Foster, and R. Durham. *The National Library of Medicine: Web Resources for Health Professionals*. Student National Medical Association, Bethesda, Maryland, 2003.

Templin-Branner, W., S. Hester, R. Foster, and R. Durham. *TOXNET on the Web from the National Library of Medicine*. University of Arkansas, Pine Bluff, 2003.

National Security Operations

Center for Human Reliability Studies (CHRS)

CHRS. *Evaluation of the Substance Abuse Subtle Screening Inventory (SASSI)*. ORISE 03-1593. 2003.

CHRS. *Extended Research on Infrared Thermography to Detect Deception*. ORISE 03-1576. 2003.

CHRS. *Literature Review and Discussion of Adjudicative Guideline D: Sexual Behavior*. ORISE 02-1544. 2003.

CHRS. *Literature Review and Discussion of Adjudicative Guideline G: Alcohol Consumption*. ORISE 02-1543. 2003.

CHRS. *Literature Review and Discussion of Adjudicative Guideline H: Drug Involvement*. ORISE 02-1542. 2003.

CHRS. *Literature Review and Discussion of Adjudicative Guideline I: Emotional, Mental, and Personality Disorders*. ORISE 02-1541. 2003.

CHRS. *Personnel Security Assurance Program Profile from 1992 through 2002*. ORISE 03-0953. 2003

CHRS. *Security Investigation Process: A Legal Analysis*. ORISE 03-0850. 2003.

CHRS. *U.S. Stay Rates of Foreign-Born Doctorate Recipients from Sensitive Countries: 2001 Update*. ORISE 03-1197. 2003.

Dunkirk, D.R. *Usefulness of Consumer Reporting Agencies' Products for the Personnel Security Investigation Process: A Legal Analysis*. 2003.

Eisele, G.R., and A.B. Palmer. *A Theoretical Foundation for Security Risk Assessment*. 2003.

Eisele, G.R., and A.B. Palmer. *Loyalty and Personnel Security Risk Assessment*. 2003.

Kannan, P. *Background Investigations: Authority of the Department of Energy and Possible Roles for Contractors*. ORISE 03-0350. 2003.

Kannan, P. *Defenses to Liability Under State Tort Laws for Implementing the Human Reliability Program*. ORISE 03-0095. 2003.

Kannan, P. *HIPAA Privacy Regulations: Overview and Possible Effects on the Human Reliability Program*. ORISE 03-0614. 2003.

Palmer, A.B., G.R. Eisele, and C.L. Alvarez. *Violence in the Workplace: An Orientation*. ORISE 03-1198. 2003.

Radiation Emergency Response and Dose Assessment

Radiation Emergency Assistance Center/Training Site (REAC/TS)

Berger, M.E., R.B. Leonard, R.C. Ricks, A.L. Wiley, and P. Lowry. "Hospital Triage in the First 24 Hours after a Nuclear or Radiological Disaster." *REAC/TS Web site*, www.ornl.gov/reacts/triage, 2003.

Radiological Safety, Assessments, and Training

Environmental Survey and Site Assessment Program (ESSAP)

Adams, W.C. *Confirmatory Survey of the Turbine Building and Portions of the Service Building Outside the RCA, Yankee Nuclear Power Stations, Rowe, Massachusetts*. ORISE 03-1605. 2003.

Adams, W.C. *Radiological Scoping Survey for Portions of the Superbolt Facility (Formerly Superior Steel Company), Phase II, Carnegie, Pennsylvania*. ORISE 03-1528. 2003.

Adams, W.C. *Verification Survey of the Ventron Site*. ORISE 03-0321. 2003.

Adams, W.C., and R. Morton. *Confirmatory Survey of Portions of the Heritage Minerals, Inc., Facility, Lakehurst, New Jersey, Phase II*. ORISE 03-1581. 2003.

Bauer, T.J. *Confirmatory Survey of Building 40, Walter Reed Army Institute of Research, Washington, D.C.* ORISE 03-1415. 2003.

Bauer, T.J. *Confirmatory Survey of the Containment Spray Building, Survey Units 6, 7, and 8, and In-Process Inspection Evaluation of the Eberline E600, Maine Yankee Atomic Power Company, Wiscasset, Maine*. 2003.

Bauer, T.J. *Confirmatory Survey of the Georgia Institute of Technology Research Reactor, Atlanta, Georgia*. ORISE 03-0255. 2003.

Bauer, T.J. *Verification Survey of the Building 310 Retention Tank Facility, Argonne National Laboratory, East Argonne, Illinois*. 2003.

ESSAP. *U.S. Nuclear Regulatory Commission*. ORISE 02-1554. 2003.

Morton, J.R. and W.C. Adams. *Confirmatory Survey of Portions of the Heritage Minerals, Inc. Facility, Lakehurst, New Jersey, Phase II*. 2003.

Quayle, D.R. *In-Process Inspection of the Primary Auxiliary Building (PAB) Eberline E600 Instrument, and Containment Spray Building (CSB) Pipes CS-M-91 and CS-M-92, Maine Yankee Atomic Power Company, Wiscasset, Maine*. 2003.

- Vitkus, T.J., and Morton, J.R. *Confirmatory Survey of the ISFSI Impacted Areas, Trojan Nuclear Plant, Rainier, Oregon*. 2003.
- Vitkus, T.J. *Confirmatory (Baseline) Survey of Auxiliary Building Embedded Piping, Trojan Nuclear Plant, Rainier, Oregon*. ORISE 03-0752. 2003.
- Vitkus, T.J. *Radiological Scoping Survey of the Salmon River Uranium Development, Inc. Processing Mill, North Fork, Idaho*. ORISE 04-0020. 2003.
- Weaver, P.C. *Characterization Survey of the Vance Road Facility, Oak Ridge, Tennessee, Oak Ridge Institute for Science and Education, Facility and Transportation Department*. ORISE 03-1467. 2003.
- Weaver, P.C. *In-Process Scoping Survey of Buildings 5 and 10 at the Union Carbide Company Site, Lawrenceburg, Tennessee*. 2003.
- Weaver, P.C. *Pre-Demolition Verification Survey of the Building 865 Closure Project at the Rocky Flats Closure Project Site, Golden, Colorado*. 2003.
- Weaver, P.C. *Verification Survey of the Operable Unit V (OU V) Area of Concern 4B Sewage Treatment Plant, Brookhaven National Laboratory, Upton, New York*. ORISE 03-0890. 2003.

Science and Engineering Education

- SEE. Analysis and Evaluation Programs. *Alexander Hollaender Distinguished Postdoctoral Fellowship Program: Participant Follow-Up*. 2003.
- Weston, W.D., R.F. Way, and P.A. Hutcheson. *Cooperative Approach to Work-based Learning and College Transitions: University, College, and High School Partnerships*. 2003.