

2016

- * Enhanced Capabilities for Subcritical Experiments (Letter, October 7, 2016; JSR-16-Task-011)
- * Alternative Futures for the Conduct of the 2030 Census (November 2016, JSR-16-Task-009)
- * Perspectives on Research in Artificial Intelligence and Artificial General Intelligence Relevant to DoD (January 2017; JSR-16-Task-003)
- * Genome Editing (2016, JSR-16-010)

2015

- * Respondent Validation for Non-ID Processing in the 2020 Decennial Census (November 2015; JSR-15-Task-015)
- * Counterspace (15-Task-010; restricted FOUO)
- * Counterspace Appendix (15-Task-010A; classified SCI)

2014

- * Technical Considerations for the Evolving U.S. Nuclear-Weapons Stockpile Executive Summary (January 2015; JSR-14-Task-006E)
- * Data for Individual Health (November 2014; JSR-14-TASK-007)
- * Military Requirements for the Evolving U.S. Nuclear-Weapons Stockpile (JSR-14-Task-016)
- * Military Requirements for the “3+2” Stockpile Strategy (JSR-14-Task-016) [Apparently an alternate title.]
- * Open and Crowd-Sourced Data for Treaty Verification (October 2014; JSR-14-Task-015)
- * Subsurface Characterization Letter Report (September 2014; JSR-14-TASK-013)
- * Space Tools (14-Task-014; classified SCI)

2013

- * Enhanced Geothermal Systems (December 2013; JSR-13-320)
- * A Robust Health Data Infrastructure (November 2013; JSR-13-700)
- * Technical Challenges of Exascale Computing (April 2013; JSR-12-310)
- * Space Intelligence (13-420; classified SCI)

2012

- * Compressive Sensing for DoD Sensor Systems (November 2012; JSR-12-104)
- * JASON B61 Life Extension Program Nuclear Scope Review (Letter, August 9, 2012)
- * Domestic Nuclear Detection Surge Operations (JSR-11-315, 2012)

2011

- * Application of New Technologies to Arms Control Monitoring and Verification (November 2011 Meeting; TS)
- * Medical Device Security (November 2011 Meeting; U)
- * Tritium Production (November 2011 Meeting; U)
- * Expanding Genetic Language to Program Cells (November 2011 Meeting; U)
- * Living Foundries (November 2011 Meeting; U)
- * C-IED Architecture & Strategy (November 2011 Meeting; S)
- * Global Phase-Out of Non-Weapons HEU? Technical and Political Challenges (November 2011 Meeting; U)
- * Nuclear Reactor Safety (November 2011 Meeting; U)
- * FMV ON-Target (November 2011 Meeting; U)
- * Counter-Unmanned Aerial Systems Feasibility Studies (November 2011 Meeting; TS/SCI)
- * On Choosing...The Analytical Framework (November 2011 Meeting; TS/SCI)
- * Uranium (November 2011 Meeting; TS/SCI/NF)
- * Tritium (November 2011; JSR-11-345)
- * Hydrodynamic and Nuclear Experiments (redacted) (November 2011; JSR-11-340)
- * Impacts of Severe Space Weather on the Electric Grid (November 2011; JSR-11-320)
- * Methods for Remote Determination of CO2 Emissions (January 2011; JSR-10-300)
- * High Speed Tactical Weapons (JSR-11-105)
- * Modern Electronic Warfare (JSR-11-100)

2010

- * The \$100 Genome: Implications for the DoD (December 2010; JSR-10-100)
- * Science of Cyber-Security (November 2010; JSR-10-102)
- * MDA Discrimination (August 2010; JSR-10-620)
- * Optical Metamaterials (2010 Summer Study)
- * [Topic: Nuclear Weapons Surety] (2010; JSR-10-103)

2009

- * North Korea Centrifuge Capabilities (Summer 2009; JSR-09-510; TS)
- * Rare Events (October 2009; JSR-09-108)
- * Lifetime Extension Program (LEP) (August 2009; JSR-09-334)
- * Science and Technology for National Security (May 2009; JSR-08-146)
- * Assuring Delivery of Capabilities Currently Provided by Space Systems (2009 Summer Study)
- * [Topic: Ocean Gravity Wave-Capillary Wave Interactions] (Winter Study January 2009; Summer Study 2009; Winter Study November 2009)
- * [Topic: Nuclear weapons boosting] (Summer Study 2009)
- * [Topic:National Ignition Campaign] (Winter Study January 2009)

2008

- * DTRA National Ignition Facility (NIF) (September 2008; revised June 2009; JSR-0800-08)
- * Data Analysis Challenges (December 2008; JSR-08-142)
- * Current Spreading in Long Objects (October 2008; JSR-08-531)
- * High Frequency Gravitational Waves (October 2008; JSR-08-506)
- * The Quest of Truth: Deception and Intent Detection (October 2008; JSR-08-143)
- * Power Grid Security (January 2008; JSR-07-125)
- * Microbial Forensics (2008; JSR-08-512)
- * JASON Study Report for U.S. National Counterterrorism Center (August 2007; JSR-07-508)
- * Human Performance (March 2008; JSR-07-625)
- * Power Grid Security (January 2008; JSR-07-125)
- * Wind Farms and Radar (January 2008; JSR-08-125)
- * [Topic: High-Performance Computing, including massive storage] (Summer Study 2008)
- * [Topic: Large Data (may be the same as the above)] (Summer Study 2008)

2007

- * Navy Ship Underwater Shock Prediction and Testing Capability Study (October 2007; JSR-07-200)
- * Reliable Replacement Warhead Executive Summary (September 2007; JSR-07-336E)
- * Synthetic Viruses. (Classified report for National Counterterrorism Center) (August 2007; JSR-07-508)
- * Pit Lifetime (January 2007; JSR-06-335)
- * Ocean and Riverine Depth [including bathymetry] (Summer Study 2007)

2006

- * DAHRT [Dual-Axis Radiographic Hydrodynamic Test Facility at LANL?] (October 2006; JSR-06-330)
- * Engineering Microorganisms for Energy Production (June 2006; JSR-05-300)
- * Reducing DoD Fossil-Fuel Dependence (September 2006; JSR-06-135)
- * [Topic: Energetic Materials] (JSR-06-130)
- * Army MANET [Mobile Ad hoc NETworking](2006; JSR-05-135)

2005

- * [Topic: Prompt Global Conventional Strike] (July 2005; JSR-05-450)
- * National Ignition Facility|NIF Ignition (June 2005; JSR-05-340)
- * Tactical Infrasound (May 2005; JSR-03-520)
- * Quantifications of Margins and Uncertainties (March 2005; JSR-04-330)
- * High Performance Biocomputation (March 2005; JSR-04-300)
- * Sensors to Support the Soldier (Feb. 2005; JSR-04-210)
- * Emerging Viruses (2005; JSR-05-503; classified)
- * Emerging Viruses (2005; JSR-05-502; classified)
- * BioEngineering (2005; JSR-05-130)
- * [Topic: Verification and Validation of Simulation Codes as Currently Employed by the Advanced Simulation and Computing(ASC) Program for Nuclear Weapons Stockpile Maintenance (2005 Summer Study)]

2004

- * Horizontal Integration: Broader Access Models for Realizing Information Dominance (December 2004; JSR-04-312)
- * Active Sonar Waveform (June 2004; JSR-03-200)
- * DNA Barcodes and Watermarks (For U.S. Dept.of Energy) (May 2004; JSR-03-305)
- * The Computational Challenges of Medical Imaging (February 2004; JSR-03-300)
- * Horizontal Integration: Broader Access Models for Realizing Information Dominance (2004; JSR-04-132)
- * Radiological Weapons Appendix VI (2002; JSR-02-340)

2003

- * Concealed Nuclear Weapons (December 2003; JSR-03-130)
- * Requirements for Advanced Simulation and Computing Program|ASCI (October 2003; JSR-03-330)
- * Portable Energy for the Dismounted Soldier (June 2003; JSR-02-135)
- * Turbulent Boundary Layer Drag Reduction (May 2003; JSR-00-135)
- * High Power Lasers, Tech. rep., (2003; JSR-02-335)
- * High Power Lasers (April 2003; JSR-02-224)
- * Biodetection Architectures (February 2003; JSR-02-330)

2002

- * Opportunities at the Intersection of Nanoscience, Biology and Computation (November 2002; JSR-02-300)
- * Atmospheric Radiation Measurement (ARM) Program (April 2002; JSR-01-315)
- * Non-GPS Methods of Geolocation (January 2002; JSR-00-105)
- * Radiological Weapons (2002; JSR-02-340)
- * Autonomous Sensors for Underwater Surveillance and ASW (2002; JSR-02-205)
- * [Topic: Hypersonics] (Summer Study 2002)

2001

- * Moletronics II (June 2001; JSR-00-120)
- * Biofutures (June 2001; JSR-00-130)
- * Spintronics (February 2001; JSR-99-115)
- * Intelligence Missions of Future Subs (2001; JSR-01-225)
- * Biosensing (2001; JSR-01-100)
- * [Topic: Taggants(?)] (Summer Study 2001)

2000

- * Imaging Infrared Detectors II (October 2000; JSR-97-600)
- * Advantage of Base-Line Redundancy in Sparse Apertures (September 2000; JSR-2000-551)
- * Space Infrastructure for 2020 (September 2000; JSR-99-125)
- * Imaging Infrared Detectors II (June 2000; JSR-97-500)

- * Molecular Electronics: Interfacing the Nano- and Micro-Worlds (May 2000; JSR-99-120)
- * Power Sources for Ultra Low Power Electronics (June 2000; JSR-98-130)
- * 100 LBS TO Low Earth Orbit (LEO): Small-Payload Launch Options (January 2000; JSR-98-140)
- * Civilian Biodefense (January 2000; JSR-99-105)
- * Data Mining and the Human Genome (January 2000; JSR-99-310)
- * Counter BW (for the CIA Clandestine MASINT Operations Center)(2000; JSR-00-505)
- * Distributed Denial of Service - A New Threat (2000)

1999

- * Primary Performance Margins (unclassified introduction) (December 1999; JSR-99-305)
- * System-Level Flight Tests December 1999; JSR-98-310)
- * Remanufacture (of Nuclear Weapons) (October 1999; JSR-99-300)
- * Army Battlefield Communications (September 1999; JSR-96-605)
- * Discoverer II (June 1999; JSR-98-120)
- * Characterization of Underground Facilities (April 1999; JSR-97-155)
- * Non-destructive Evaluation and Self-Monitoring Materials (April 1999; JSR-98-145)
- * Electro Thermal Chemical Gun Technology Study (March 1999; JSR-98-600)
- * Fast Transoceanic Transport (1999; JSR-99-215)
- * [Topic: Review of information relating to leak of W88 warhead information to China]

1998

- * Exploiting the Genome (September 1998; JSR-98-315)
- * Letter review of plans for the Advanced Climate Prediction Initiative (August 1998; JSR-98-330)
- * Small Unit Operations (June 1998; JSR-97-142)
- * Signatures of Aging Revisited (March 1998; JSR-98-320)
- * Atmospheric Radiation Enhanced Shortwave Experiment (ARESE) (February 1998; JSR-96-310)
- * Signatures of Aging [of nuclear weapons] (January 1998; JSR-97-320)
- * Advanced Radar Technology for Wide Area Surveillance and Fire Control Quality Tracking (January 1998; JSR-95-230)
- * Counterproliferation (January 1998; JSR-94-140)
- * Insonification for Area Denial (January 1998; JSR-97-120)
- * Sonar Signal - Gain Limits from Internal Waves (1998??)
- * [Topic: Information Protection] (1998 Summer Study)

1997

- * High Energy Density Explosives (October 1997; JSR-97-110)
- * Human Genome Project (October 1997; JSR-97-315)
- * Nanoflyer (October 1997; JSR-97-115)
- * Small Scale Propulsion: Fly on the Wall, Cockroach in the Corner, Rat in the Basement, Bird in the Sky (September 1997; JSR-97-135)
- * An Unconventional, Highly Multipath-Resistant, Modulation Scheme (September 1997; JSR-97-160)
- * High Performance Computer-Human Interfaces (September 1997; JSR-96-130)
- * Digital Beam Synthesis (DBS) for a High Capability Opto-Electronic Radar (HICAPOR) (September 1997; JSR-97-230)
- * Subcritical Experiments (March 1997; JSR-97-300)
- * [Topic, possibly titled: Biological Threats Enabled by Molecular Biology (Summer Study 1997)
- * Advanced Radar Technology for Wide Area Surveillance and Fire Control Quality Tracking (January 1997; JSR-95-230)
- * Rapid Synchronization in an Anti-Jam Environment without Accurate Clocks (JSR-97-145)
- * Unattended Ground Sensor for Counterproliferation Applications (1997; JSR-94-140A)
- * Biological Threats Enabled by Molecular Biology (1997; JSR-97-105)

1996

- * Advanced Computing (December 1996; JSR-94-130)
- * New Technological Approaches to Humanitarian Demining (November 1996; JSR-96-115)
- * Use of the Fast Flux Test Facility for Tritium Production (October 1996; JSR-96-325)
- * Boundaries of Computing Quantum computer|Quantum Computing (July 1996; JSR-95-115)
- * Ultrasound (May 1996; JSR-95-145)
- * Unconventional Systems Integration (May 1996; JSR-95-120)
- * Inertial Confinement Fusion (ICF) Review (March 1996; JSR-96-300)

1995

- * Atmospheric Radiation Measurement Program 1995 Summer Review (October 1995; JSR-95-135)
- * DNA Computing (October 1995; JSR-95-116)
- * JASON Nuclear Testing Study: Summary and Conclusions, (August 1995; JSR-95-320)
- * Biomedical Imaging (August 1995; JSR-94-120)
- * Subsurface Science (July 1995; JSR-94-330)
- * [Topic: ARM, Climate Change] (July 1995; JSR-95-317)
- * Accelerator Production of Tritium - 1995 review (June 1995; JSR-95-310)
- * SAR [Synthetic Aperture Radar] (April 1995; JSR-93-170)
- * Accelerator Based Conversion of Plutonium (March 1995; JSR-94-310)
- * Security and Privacy in the NII (February 1995; JSR-94-150)
- * Microsurveillance of the Urban Battlefield (February 1995; JSR-95-125)
- * Jason Final Report, January 1995; JSR-94-105)
- * JASON Nuclear Testing Study: Summary and Conclusions (1995; JSR-95-320)
- * Technologies for Monitoring Proliferation of Weapons of Mass Destruction: Detection of Underground Facilities (1995; JSR-93-140)
- * Future Tagging Program. Tagging Explosives for Detection (1994; JSR-89-750)

1994

- * LIDAR (September 1994; JSR-93-310)
- * Science Based Stockpile Stewardship (November 1994; JSR-94-345)
- * Counter Proliferation /draft/ (August 1994; JSR-94-140)
- * MTPE /draft/ (August 1994; JSR-94-750)
- * Atmospheric Radiation Measurement (ARM) /draft/ (July 1994; JSR-94-300)
- * CO2 Greenhouse Mitigation (May 1994; JSR-93-340)
- * Underwater Explosions ONR/DNA/NAVSEA /draft/ (January 1994; JSR-94-220)
- * [Topic: Advanced Computing] (1994; JSR-94-130)
- * [Topic: Biomedical Imaging] (1994; JSR-94-120)
- * [Topic: Biomedical Imaging] (1994; JSR-94-121)
- * [Topic: Counter Proliferation] (1994; JSR-94-141)
- * [Topic: Covert Communication] (1994; JSR-94-540 (S))
- * [Topic: Electromagnetic Launchers] (1994; JSR-94-600)
- * [Topic: Facility Location] (1994; JSR-94-530 (S))
- * [Topic: FBI Liaison] (1994; JSR-94-360 (S))
- * [Topic: Hydrotesting] (1994; JSR-94-340)
- * [Topic: IR Phenomenology] (1994; JSR-94-520)
- * [Topic: LOSAT (Line of Sight Testing)] (JSR-94-360)
- * [Topic: Low Observable Vehicles and Camouflage] (1994; JSR-94-610)
- * [Topic: Magnetic Effects] (1994; JSR-94-241 (S))
- * [Topic: Mission to Planet Earth] (1994; JSR-94-751)
- * [Topic: Rapid Detection of CBW] (1994; JSR-94-620)
- * [Topic: Review of Audio Program] (for FBI) (1994; JSR-94-350)
- * [Topic: SAR Change Detection] (1994; JSR-94-510)
- * [Topic: SAR Change Detection] (1994; JSR-94-511 (S))

- * [Topic: SAR Lite] (1994; JSR-94-170)
- * [Topic: Security and Privacy in the NII (National Information Infrastructure)] (1994; JSR-94-150)
- * [Topic: Science Based Stockpile Stewardship] (1994; JSR-94-346)
- * [Topic: Subsurface Science] (1994; JSR-94-330)
- * Small Satellites for Tactical Operations (1994; JSR-93-610)

1993

- * JASON Encryption/Privacy Study (August 1993; JSR-93-520)
- * A Preliminary Review of Global CO2 Exchange Between Ocean and Atmosphere (March 1993)
- * Advanced Over-The-Horizon Radar (February 1993; JSR-90-105)
- * Clouds and Radiation - a Premier [sic] (January 1993; JSR-90-307)
- * Verification of Dismantlement of Nuclear Warheads and Controls on Nuclear Materials (January 1993; JSR-92-331)
- * Structural Acoustics: A General Form of Reciprocity Principles in Acoustics (January 1993; JSR-92-193)
- * Small Satellites and RPVs (January 1993; JSR-91-197)
- * Review of the OptiMetrics computational vision model. (1993; JSR-93-610)
- * SAR and GPS in Precision Strike (1993; JSR-92-171)
- * Precision Strike (1993; JSR-92-170)
- * Review of Selected Remediation Technologies for the Hanford Waste Storage Complex. (1993; JSR-93-345)
- * Shock Obliquity and Stability in Inertial Confinement Fusion (1993; JSR-91-325)
- * [Topic: Chemical Sensors] (JSR-93-140)

1992

- * Self-Focusing Instabilities Induced by OTH Radars (December 1992)
- * CHAMMP (December 1992; JSR-91-310)
- * Small Satellites and RPAs in Global-Change Research (December 1992; JSR-91-330)
- * Drag Reduction by Polymer Additives (October 1992; JSR-89-720)
- * Acoustic Warfare: Bubble Clouds (October 1992; JSR-91-113)
- * JASON Global Grid Study (July 1992; JSR-92-100)
- * New Ideas for Experimental Simulation of X-ray Effects [of nuclear weapons] (July 1992; JSR-89-445)
- * Global Change and the Dark of the Moon (June 1992; JSR-91-315)
- * Recovery of SAR Images with One Dimension of Unknown Phases (March 1992; JSR-91-175)
- * Effective Medium Theory for the Elastic Properties of Composites and Acoustics Applications (February 1992; JSR-91-112)
- * Persistence in Climate (February 1992; JSR-91-340)
- * Continuum Approaches for Describing Solid-Gas and Solid-Liquid Flow (February 1992; JSR-92-310)
- * CHAMMP [Computer Hardware, Advanced Mathematics and Model Physics (For climate change prediction)] Review (January 1992; JSR-92-306)
- * Small Satellites and RPAs in Global Change Research, Summary and Conclusions (January 1992; JSR-91-330A)
- * Accelerator Production of Tritium (January 1992; JSR-92-310)
- * Statistics of Extreme Events with Application to Climate (1992; JSR-90-305)
- * Mines in the Surf Zone /draft/ (1992; JSR-92-180)
- * ARM Review – 1991 (January 1992; JSR-91-300)

1991

- * Issues in Predictability (December 1991; JSR-90-320)
- * A Wavelet Primer (October 1991; JSR-90-150-P)
- * ARM Review 1991 /draft/ (September 30, 1991; JSR-91-300)
- * Small Satellite and RPAs in global change research /draft/ (August 1991; JSR-91-330-12)
- * Small Satellites (August 3, 1991; JSR-91-330-10)
- * Atmospheric Radiation Measurement|ARM /draft/ (July 1991; JSR-91-300)
- * Advanced Accelerators (April 1988; JSR-85-302)
- * U.S. Special Operations Command (March 1991; JSR-90-195)
- * Wavelets (1991; JSR-90-150)
- * Review of the DARPA Laser Verification Program (1991; JSR-91-160)
- * Imaging Infra-red Detectors (1991; JSR-91-600)

1990

- * Verification Technology: Unclassified Version (October 1990; JSR-89-100A)
- * Cellular Automata and Parallel Processing for Practical Fluid-Dynamics Problems (September 1990; JSR-86-303)
- * High Gain Arrays /draft/ (July 1990; JSR-90-210)
- * Prospects for a Special-Purpose Lattice Gas Computer (June 1990)
- * Detecting the Greenhouse Signal (May 1990; JSR-89-330)
- * Some Comments on the Acoustic Coupling of Elements in an Array (May 1990)
- * A Note on the Statistics of Laser Speckle (March 1990; JSR 87-977A)
- * Effects of Small-Scale Heterogeneities on Regional Propagation (January 1990; JSR-89-151)
- * The DARPA Laser Verification Program (1990; JSR-90-185)

1989

- * JASON Review of Brilliant Pebbles, Vol. I, Executive Summary (September 1989; JSR-89-900)
- * Spectra of Surface Waves (March 1989; JSR-88-130)
- * Los Alamos XUV free electron laser proposal (March 1988; JSR-87-301)
- * Sea Surface Films (1989; JSR-86-105)
- * [Topic: ADI Statistics (Perhaps having to do with OTH radar)] (1989)
- * [Topic: Brilliant Pebbles] (1989)

1988

- * Proceedings of JASON Workshop on Lattice Gas Methods for Solving Partial Differential Equations [June, 1988] (1988; JSR-88-120)
- * Neutrino Detection Primer (March 1988; JSR-84-105)
- * Airships (1988; JSR-88-230)
- * Detection of Liquid Explosives (1988; JSR-88-850)
- * Surface Film Effects in Ocean Remote Sensing Phenomenology (1988; JSR-87-202)

1987

- * Topics in Speech (May 1987; JSR-84-101)
- * Early-Time HANE [High-Altitude Nuclear Effect] Simulation and Experiment (May 1987; JSR-85-405)
- * Heavy Ion Fusion III (March 1987; JSR-86-302)
- * Occultation Summer Study (February 1987; JSR-86-108)
- * [Topic: Wake-Field Particle Accelerator Design] (1987; JSR-86-109)
- * [Topic: OTHB Radars] (1987; JSR-87-801)
- * Detection of Plastic Guns (1987; JSR-87-825)
- * Note Concerning: Turbulent and Vortex Wakes of Surface Ships (1987; JSN-87-8501)

1986

- * Artificial Gill (November 1986; JSR-86-104)
- * Development Stability of Strategic Defenses (October 1986; JSR-85-926)
- * [Topic: Sea Surface Glitter Analysis] (August 1986; JSR-86-203)
- * Report on the Workshop for Automated Software Programming (February 1986)
- * Taggants for Detection Blasting Cap Tagging Schemes (1986; JSR-86-825)
- * [Topic: Nuclear-Decay Powered Batteries] (1986??; JSR-86-503)
- * High-Altitude Nuclear Effects|HANEs 1986 (1986; JSR-86-401)
- * Some Surface Wave Modulation Mechanism [sic] Relating to the JOWIP and SARSEX Observations (1986; JSR-85-203)

1985

- * [Topic: Neutrino detection] (July 1985; JSR-85-210)
- * Submarine Detection: Acoustic Contrast versus Acoustic Glow (July 1985; JSR-85-108)
- * Relativistic Effects in the Global Positioning System (May 1985; report of 1984 summer study)
- * Seismic Discrimination (April 1985; JSR-84-117)
- * Bispectra (January 1985; JSR-83-204)
- * SEASAT Report (January 1985; JSR-83-203)
- * Infinite Computing (January 1985)
- * Suppression of Capillary Waves by Surface-Active Films (1985; JSR-85-206)
- * Acid Deposition (1985; JSR-83-301)

1984

- * Multiple Scattering Effects in Radar Observations of Wakes (August 1984; JSR-84-203B)
- * [Topic: Neutrino detection] (August 1984; JSN-84-1000)
- * SEASAT III & IV (August 1984; JSR-84-203)
- * Radical Computing II (June 1984; JSR-83-701)
- * Radical Computing (May 1984; JSR-82-701)
- * Speech Research (May 1984; JSR-82-601)
- * Space Power System Study (May 1984; JSR-82-801)
- * SEASAT Report (March 1984; JSR-83-203)
- * Reversible Logic as a Strategy for Computing (January 1984; JSR-83-112))
- * [Topic: Sodium Guide Star Atmospheric Compensation] (1984; JSR-84-109)

1983

- * Blue-Green Lasers and Electrodeless Flashlamps (August 1983; JSR-83-101)
- * Direct Course and Dust Experiments (April 1983)
- * High-Power Generation of Microwave and Infrared Radiation (February 1983; JSR-82-975)
- * [Topic: Sodium Guide Star Atmospheric Compensation] (1983)

1982

- * Reliable-Acoustic-Path Sonobuoy Assist to SSKs (November 1982; JSN-82-13)
- * Letter to Andreassen & Harper (Concerning radar imaging of the sea surface) (1982; JSN-83-01)
- * [Topic: Laser Guide Star Adaptive Optics; origin of sodium guide star concept] (1982; JSR-82-106)
- * Heavy Ion Fusion (1982; JSR-82-302)
- * [Topic: Counter-Stealth] (1982)

1981

- * Drag Reduction and Adaptive Boundary Conditions (November 1981; JSR-81-17)
- * Long Path Solar Pumped Lasers (Sept 1981; JSR-81-07)
- * Fish RAGU (Fish, Radio-Receiving and Generally Useful) (August 1981; JSN-81-64)
- * Underwater Facilities Inspections and Assessments at Refit Piers 1 & 2 Trident Refit Facility, Bangor, Washington (June 1981)
- * Underwater Facilities Inspections and Assessments at Explosive Handling Wharf 1, Strategic Weapons Facility, Pacific, Bangor, Washington (June 1981)
- * Studies on the Effect of Striations on Radio Communications (1981; JSR-81-31)
- * Climatic Effects of Minor Atmospheric Constituents (1981; JSR-81-27)
- * The Physics and Chemistry of Acid Precipitation (1981; JSR-81-25)
- * Bombs That Squeak (1981)

1980

- * Visible Chemical Lasers (December 1980; JSR-80-14)
- * Underwater Facilities Inspections and Assessments at Marginal Wharf Trident Refit Facility, Bangor, Bremerton, Washington (October 1980)
- * Smallsub Underwater Mobile Basing of ICBMs (September 1980; JSR-80-03)
- * Irregularities in Ionospheric Plasma Clouds: Their Evolution and Effect on Radio Communication (September 1980; JSR-80-15)
- * Advanced Fission Reactor Program Objectives (August 1980; JSR-80-12)
- * Tunnel Detection (April 1980; JSR-79-11)
- * Free Electron Lasers with Variable Parameter Wigglers (February 1980; JSR-79-01)
- * The Carbon Dioxide Problem: DOE Program and a General Assessment (1980; JSR 80-06)
- * Regional-Seasonal Weather Forecasting (1980; JSR-80-05)
- * Telluride lectures on free electron lasers (1980; JSR-79-15)
- * Ion propagation in reactors (1980)

1979

- * Emittance and Transport of Electron Beams in a Free Electron Laser (December 1979; JSR-79-10)
- * Report and Recommendations on Underwater Damage Assessment Pier Lima Naval Station, Guantanamo Bay, Cuba (September 1979)
- * Laser-Induced Photochemistry (February 1979; JSR-78-11)
- * The Long Term Impact of Atmospheric Carbon Dioxide on Climate: Preliminary Report (1979; JSR-78-07; JSR-79-04)
- * Impact Fusion with a Segmented Rail Gun (1979; JSN-79-05)
- * Counter-Rotating Disk Homopolar Generator (GRDHG)(1979; JSN-79-03)
- * Free Electron Lasers with Variable Parametric Wigglers (1979)
- * Transverse Boost Requirements for ICBM Targeting of a Maneuvering Aircraft (1979; Appendix A from JSR-79-03)

1978

- * Sonic Boom Report (November 1978; JSR-78-09)
- * Features of Energy-Budget Climate Models: An Example of Weather-Driven Climate Stability (September 1978)
- * Heavy-Ion-Driven Inertial Fusion (February 1978; JSR-77-41)
- * Magnet-Gun Igniter for Controlled Thermonuclear Fusion (1978; JSN-77-20)
- * Problems in Transition from Laminar to Turbulent Flow II (1978; JSR-77-18)
- * [Topic: Review of DARPA artificial intelligence program] (late 1970s)
- * [Topic: Related to ICBM survivability and/or Midgetman] (1978 JASON Summer Study)

1977

- * Laser Propulsion Study (Summer 1977; JSR-77-12)
- * Limits on Coherent Processing Due to Internal Waves (June 1977; JSR-76-14)
- * Sound Transmission Through a Fluctuating Ocean (May 1977; JSR-76-39)
- * Path Integrals for Waves in Random Media (1977; JSR-76-1)
- * Preliminary Report on Ocean Acoustic Monitoring.(?; JSN-77-8)

1976

1975

- * Calculation of the Effect of Internal Waves on Oceanic Sound Transmission (August 1975; JSR-74-8)
- * [Topic: Detection of radioactivity in the wake of a nuclear submarine] (Summer, 1974)
- * Low Frequency Sound Propagation in a Fluctuating Infinite Ocean II (June 1975; JSR-74-6)
- * High-energy Visible and Ultraviolet Lasers [apparently including free electron lasers] (March 1975; JSR-74-1)
- * Theory of Optical Image Improvement [On adaptive optics] (March 1975; JSR-73-11)
- * D-Star Direct Sea to Air Refueling (1975 or 1976)

1974

- * Low Frequency Sound Propagation in a Fluctuating Infinite Ocean (April 1974; JSR-73-10)

1973

- * Numerical Simulation of Turbulence (November 1973; JSR-73-3)
- * The Effect of Surface Currents on the Equilibrium Surface Wave Spectral Energy Density (October 1973; JSR-73-2)
- * Comments on 'Lulejain and Assoc. Int. Tech. Report' (June 1973)
- * Final Stages of Wake Collapse in a Stratified Fluid (January 1973)
- * Multiphoton Detachment of Negative Ions [laser propagation in air] (1973)
- * Lithospheric Propagation for Undersea Communication (1973; JSR-73-5)

1972

- * Comments on Sub-LF Satcom Technology Development Program (December 1972; Note N-820)
- * The Detection of Surface Strain in an Internal Wave Background (SECRET) (October 1972; P-934)
- * Effect of Various Arms Limitation Options on SSBN Survivability" (SECRET) (September 1972; S-408)
- * Interim SANGUINE Systems (September, 1972)
- * Collected Working Papers on Internal-Surface Wave Interactions and Related Problems (August 2, 1972; JASON-72-Working Paper no.33)
- * Internal-Surface Wave Interactions and Related Problems (August 1972; N-818)
- * Internal Wave-Surface Wave Interactions Revisited (March 1972; Paper P-853)

1971

- * Acoustic Backscatter from Microstructure (December 1971; Paper P-886)
- * Surface Waves in the Presence of an Internal Wave (November 1971)
- * Report of the 1971 JASON Laser Summer Study. Volume I. Recommendations and Conclusions (1971)
- * Report of the 1971 JASON Laser Summer Study. Volume II. Supporting Appendices A-M (1971)
- * Critique of Proposed Modifications of U.S. Offensive Missile Systems (1971)
- * Some Considerations of Moscow ABM Radars and SAM Upgrade (1971)

1970

- * Considerations of SAM upgrade to ABM (SECRET) (November 1970; S-372)
- * Effect of Surface Roughness on the Surface Temperature of the Sea (September 1970; P-666)
- * Considerations of SAM Upgrade to ABM (1970)
- * [Topic: Formulating a national laser program] (1970 Summer Study)

1969

- * Generation and Airborne Detection of Internal Waves from an Object Moving through a Stratified Ocean, Vol I (SECRET) (April 1969; S-334)
- * Generation and Airborne Detection of Internal Waves from an Object Moving through a Stratified Ocean, Vol II (UNCLASSIFIED)(April 1969; S-334)
- * Air Traffic Control (1969)

1968

- * Oil Pollution in the Sea: Problems for Future Work (June 1968; P-432)
- * Project SEESAW (February 1968; S-307)
- * IDA JASON BMD Discriminant Physics Study (January 1968)
- * Transient effects in stimulated Raleigh scattering [high-power laser beam propagation in the atmosphere] (1968)

1967

- * JASON Review of STRAT-X Report (July 1967)
- * The Airplow (April 1967)
- * Tactical Nuclear Weapons in Southeast Asia (March 1967)
- * Air Sown Mines for Specialized Purposes (1967)
- * Manned Barrier Systems -- A Preliminary Study (1967)
- * Inspection and Control of Nuclear and Biological Weapons (1967)
- * [Topic: Thermal Pollution Study (1967)]
- * The M.A.D. Report (1967)
- * Project SEESAW (1967)
- * REDEYE Countermeasures (1967)
- * Mechanism for the Production of [sic] Submarines of an Observable Wake (1967)
- * JASON Laser Summer Study (1967)
- * JASON Thailand Summer Study (1967)

1966

- * Tactical Nuclear Weapons in Southeast Asia: Questions Requiring Further Study (November 1966)
- * Tactical Nuclear Weapons in Southeast Asia (August 1966)
- * The Effects of U.S. Bombing in North Vietnam [Joint paper] (August 1966)
- * VC/NVA Logistics and Manpower (August 1966)
- * An Air-Supported Anti-Infiltration Barrier ;ASAFB (Short Title:) (August 1966; S-255)
- * Summary of Results, Conclusions and Recommendations [of Vietnam studies] (August 1966)
- * General Theory of Resistive Beam Instabilities (May 1966)
- * A Study of Data Related to Viet Cong/ North Vietnamese Army Logistics and Manpower [Possibly supporting the "Barrier" study] (1966)
- * LDIHMG (1966)
- * Explosively Produced Flechettes [Nuclear-driven explosively formed projectiles for terminal ABM defense] (1966; 66-121)
- * Interdiction of Trucks from the Air at Night (1966)
- * Hose Results (1966) [Probably "hose" instabilities in particle beams]
- * Relaxation Processes in Gas Streams (1966)
- * Commenting on Limited Nike-X Deployment Proposal (ca. 1966)

1965

- * Seismic Signals from Nuclear Explosions in Overdriven Cavities (June 1965; Journal of Geophysical Research Vol. 71, No.3, April 15, 1966)
- * Some Aspects of Hypersonic Airflow Over Cones (March, 1965)
- * Water Waves from Large Nuclear Explosions (SECRET) (July 1964, issued April 1965; P-137)
- * Whistlers as a Launch Phase Early Warning System (SECRET)(February 1965; P-146)
- * Drag and Propulsion of Large Satellites in the Ionosphere; An Alfvén Propulsion Engine in Space (Phys. Rev. Lett. 14, 171 – Published 8 February 1965)
- * RF Breakdown Near a Conical Re-Entry Body (1965)
- * [Topic: Feasibility of laser weapons for ballistic missile defense] (1962 to 1965)

1964

- * The Hose Instability Dispersion Relation (1964)
- * [Topic: Electromagnetic fields generated by pulses of relativistic electrons] [Relates to particle beam weapons/Project SeeSaw] (1964)

1963

- * Some Comments on the White Sands Interferometry Experiments (SECRET) (September 1963; P-71)
- * Instability of an Intense Optical Beam (1963)
- * Radar Analysis of Waves by Interferometer Techniques (1963)
- * [Possible JASON summer study chaired by Keith Bruckner at Woods Hole on DoD interest in lasers as weapons]

1962

- * [Topic: Laser ABM] Summer Study 1962

1961

- * The Eikonal Method in Magnetohydrodynamics (1961)

1960

- * Multiple Scattering in Arrays of Small Objects (1960)

1959

1958

- [Topic: Nuclear-powered long-range torpedo] [Pre-JASON summer study]

Unknown or uncertain dates

- * [Topic: Possible detection of a nuclear event in September 1979 (presumably the “Vela Incident”)]; (Existence of a 1994 summer study uncertain]
- * [Topic: Study of effectiveness of Vietnam sensors on Mexican border] (ca. 1989)
- * [Topic: Analysis of the nuclear explosive driven X-ray laser] (ca. 1985-1986)
- * [Topic: MX basing] (late 1970s?)
- * [Topic: Adaptive optics for imaging satellites] (ca. 1972)
- * [Topic: Atmospheric compensation techniques for imaging satellites] (ca. 1972)
- * Vulnerability of Submarines to Underwater Nuclear Explosions (1971-1972)
- * [Topic: Study on effects of nuclear weapon use by local powers in the Middle East] (Perhaps associated with 1967 or 1973 wars)
- * Working Paper on Internal Warfare (Vietnam-related, probably 1964 or 1965)
- * Night Vision for Counterinsurgents (Vietnam-related, probably 1964 or 1965)
- * [Topic: Several studies on counterinsurgency/Vietnam] (1964 onward)
- * Two Stream Instability in Finite Beams (No later than September 1961)
- * Finite Beam Instability (No later than September 1961)
- * Scheme for detecting nuclear test [in space via LF monitoring] (Perhaps early-mid 1960s)
- * Radiation Escape from a High Altitude Fireball (1960s)
- * [Topics: Satellite and aircraft reconnaissance systems] (1960s and perhaps forward)
- * [Topic: Securing US Embassy in Moscow from technical intelligence compromise] (ca. 1960)
- * [Topic: Effect of infrared radiation from a nuclear explosion on satellite IR sensors] (1960s?)
- * [Topic: Several studies on laser and particle beam weapons] (1960s)
- * [Topic: Several studies on ABM-related problems] (1960s)
- * [Topic: Several studies on mesospheric chemistry related to reentry physics and high altitude nuclear explosions] (1960s)
- * [Probable] A Method of Concealing Underground Nuclear Explosions (Journal of Geophysical Research, 1961)
- * [Probable] The Effect of Plasticity on Decoupling of Underground Explosions (Journal of Geophysical Research, 1961)