

Gordon Freedman and NLET — NSF, NRC, NIST, DOL, US ED

Complete Chronological List | 1994–2026 | NLET.org

- 1. 1994 — Executive Producer — "Virtual Canyon" Online Scientific Method Web System** **National Science Foundation (NSF) — funded project** One of the earliest NSF-funded web-based interactive science learning systems
- 2. 1995 — Contractor — Marine Advanced Technology Center (MATE), Business Plan for Center** **National Science Foundation (NSF) — ATE Program — Monterey Peninsula College**
- 3. 1998 — Participant — "Developing a Digital National Library for Undergraduate Science, Mathematics, Engineering and Technology Education"** **National Research Council (NRC) / National Academies — Center for Science, Mathematics and Engineering Education** Publication: National Academies, Center for Science, Mathematics and Engineering Education
- 4. 2006 — Consultant — "Try Science" TERC / Lesley College K-8 Science Master's Degree** **National Science Foundation (NSF) — funded program**
- 5. 2006–2007 — Advisor — American Museum of Natural History, Seminars on Science** **National Science Foundation (NSF) — funded program**
- 6. 2009 — Advisor — University of New Mexico Art, Technology, Science "Full Dome"** **National Science Foundation (NSF) — funded program**
- 7. 2009 — Participant — NSF / U.S. Department of Education, STEM Voices From the Community** **National Science Foundation (NSF) / U.S. Department of Education**
- 8. 2009–2010 — Participant — NSF Blue-Sky, Future of STEM Curricula and Instructional Design** **National Science Foundation (NSF)**
- 9. 2011 — MOU — Los Alamos National Laboratory (LANL) NSF-affiliated / LANL Computer, Computational and Statistical Sciences Division** Science-Based Education Research Collaboration (SERC) including grant applications, regional education innovations, analytic capacity
- 10. 2011 — MOU — University of Texas Austin NSF-affiliated** Science-Based Education Research Collaboration (SERC) including grant applications, Big Data and Visualization capabilities
- 11. 2011–2015 — NSF Grant — Discovery Research K-12 (DRK-12), Directorate for Education and Human Resources (EHR) National Science Foundation (NSF) — Award IDs: 1119332 and 1119312** "Collaborative Research: An Agent-Based Simulation Environment for Predictive Longitudinal Modeling of High School Math Performance" NLET conceived and organized. PI: Michael Strong (UCSC); Co-PIs: Paul Resta (UT Austin), Joanne Wendelberger (Los Alamos); NLET Consultants: Gordon Freedman, Marcy Lauck nsf.gov/awardsearch/showAward?AWD_ID=1119332
- 12. 2012 — White House / NIST Sub-Award — National Strategy for Trusted Identities in Cyberspace (NSTIC) National Institute of Standards and Technology (NIST) — nist.gov/nstic/resilient.html** "Zero-Knowledge Identity and Privacy Protection Service (ZIPPS) for Education and Children" Prime Contractor: Resilient Networks System, Inc. — Sub-Award for Education Pilots: NLET K-12 Beta Partners (CA): Santa Cruz County Office of Education, Pajaro Valley USD, Riverside USD

- 13. 2013 — NSF Grant — Building Community and Capacity for Data-Intensive Research (BCC-SBE/EHR) National Science Foundation (NSF) — Award ID: 1119332** "A Comprehensive Regional Approach to Data Set Integration to Support Data-Intensive Research in Education and Human Resource Development In Silicon Valley" NLET conceived, organized, and provided supervisory services. PI: Rodney Ogawa (UCSC); Co-PIs: Douglas Bonett, Scott Brandt, Ronald Glass, Carlos Malzahn (UCSC) Derivative site and organization: SVRDT.org
- 14. 2013 — MOU — UC Santa Cruz Center for Educational Research in the Interest of Underserved Students (CERIUS) NSF-affiliated** Research-intensive innovative practices; MOU terminated with end of CERIUS 2015
- 15. 2017 — U.S. Department of Labor Sub-Award — SkillsCommons.org U.S. Department of Labor (DOL) / California State University Long Beach** NLET contracted to create data integration, alignment and matching of career content, resumes and jobs skillscommons.org — run by Gerry Hanley, CSULB Final Report: NLET DOL SkillsCommons Sub-Award Final Report 10-17-18
- 16. 2019 — NSF BioSketch — EdTech and Workforce National Science Foundation (NSF)** Current NSF credential for proposal submission in education-to-employment
- 17. 2021 — BrainQuake / IES Sub-Award U.S. Department of Education — Institute of Education Sciences (IES) SBIR** Subaward to support BrainQuake trials in elementary schools as part of IES SBIR grant to Keith Devlin (Stanford) for BrainQuake interactive math product
- 18. 2022–present — California Community College Chancellor's Office — AB1705 Corequisite Math, 3-Year Contract California Community College Chancellor's Office (aligned with NSF/DOE workforce math mandates)** Three-year project to customize Just In Time Math and deliver it to all CA Community Colleges to support corequisite courses in math — JustInTimeMath.com — available to the CSU
- 19. 2024 — NSF BioSketch — BioMed, MitoWorld.org and MITOS.global National Science Foundation (NSF)** Freedman co-corresponding author, MacVicar et al., "Cancer as a Window into Mitochondrial Biology," Cell Metabolism, June 2026; MitoWorld named as convening organization
- 20. 2024–2026 — NLET — NNME.org PINES Node Consortium Partner National Science Foundation (NSF) — CHIPS and Science Act — nme.org** NSF-funded National Network for Microelectronics Education — PINES node NLET role: outreach, coordination, web tools, GoEducate.com, SiliconJobs.org, CHIPS2AI.org
- 21. 2024–2026 — NLET — CHIPS2AI.org and SiliconJobs.org National Science Foundation (NSF) / CHIPS Act Ecosystem** Public-facing workforce infrastructure supporting NSF NNME node — semiconductor awareness, course-to-career navigation, AI-enabled job board powered by Jobiqo, partnered with EE Times, Silicon Catalyst, SJSU