WHAT IS NLET?

The National Laboratory for Education Transformation (NLET) is dedicated to creating parity between the technologies used in everyday life and at work with those used in education, training and social services, which are much less capable of providing uniform access or personalization. NLET carries out its mission through boundary-spanning partnerships across sectors and silos, with universities as core partners. Based in Silicon Valley, NLET is able to draw on top technological resources for research and development to incubate technology, standards, identity management and APIs to provide the foundation for public and personal infrastructures for learning.
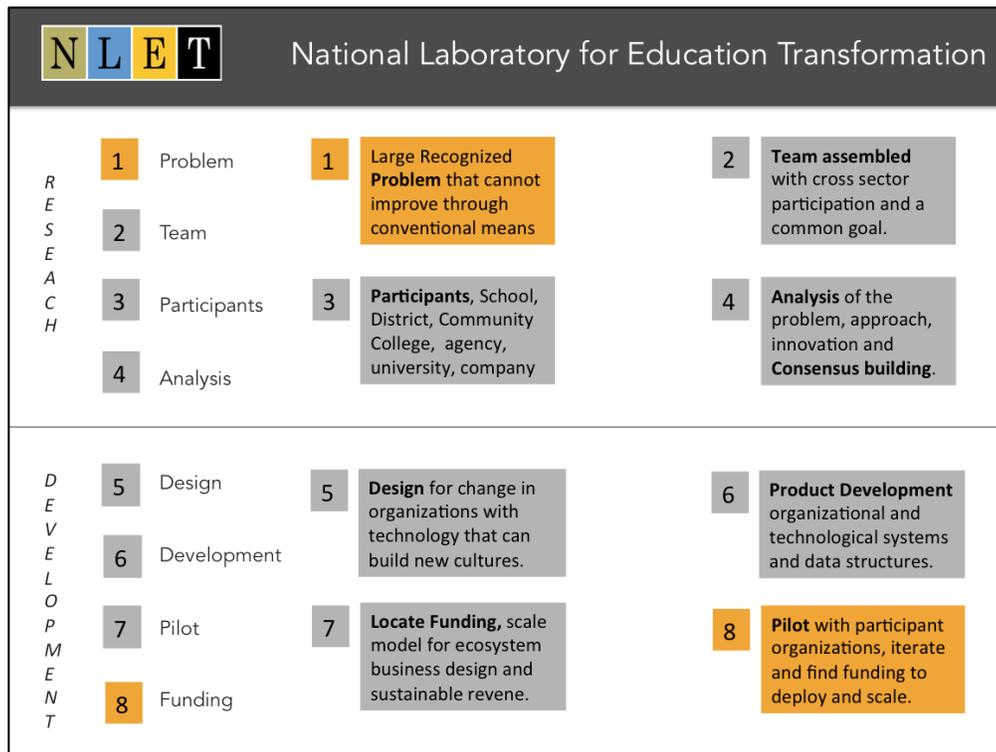
AREAS OF CONCENTRATION

NLET divides its R & D and incubation work into six focus areas:

(1) **Learner Solutions**, universal transcriptions, competency record keeping, badge management

(2) **Cloud Infrastructure**, privacy (FERPA, COPPA), security and universal standards and protocols

(3) **Regional Access**, by families to schools, training organizations and service agencies

(4) **Data Science**, big data, analytics and visualizations available for all users and all roles

(5) **Curricular Tools**, development of math and computer science tools for success

(6) **Training Solutions**, technology development, standards and solutions for workforce training

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CURRENT PROJECTS – FUNDED & IN-DEVELOPMENT

- (*Learner*) NSF funded "Agent-Based Modeling" of school district 8th grade math performance; partners UC Santa Cruz, UT Austin, Los Alamos Labs. / Exploration of universal student transcripts that transcribe heterogeneous learning and manage badges.

- (*Cloud*) NIST/NSTIC funded White House initiative on trusted identity cyber security solutions for secure education solutions, corporate partners, including past CIO of Department of Homeland Security. / Scaling www.GooruLearning.org to CA districts and OR state.

- (*Access*) NSF funded (UC Santa Cruz) "Regional Data Trust" to utilize, share and secure data from multiple agencies and schools to create effective management for collective impact.

- (*Data Science*) The California K12 Data Lab to use data science to help districts and county offices manage new state testing data, local data reporting and Common Core challenges.

- (*Tools*) Development of competency-based algebra for dual enrollment, remediation, teacher development and introduction of computer science programs into middle and high school.

- (*Training*) Gates Foundation funded competency and assessment system design with multiple partners. Thomas R. Brown Foundations (AZ) funded software design to tightly align employers and colleges, working closely with city, county and regional employers.

NLET's Incubation Process

BOARD OF DIRECTORS

PAUL RESTA: NLET Board of Directors, Chair

Dr. Resta holds the Ruth Knight Milliken Centennial Professorship of Learning Technology in the College of Education at The University of Texas at Austin. Dr. Resta's current work focuses on information and communication technologies in teacher education and research on collaborative web- based learning environments and virtual worlds. He serves as President of the International Jury for the United Nations Education, Scientific and Cultural Organization (UNESCO) Prize for ICT in Education and was recently honored at the awards ceremony by the Director-General of UNESCO for his leadership of the jury. Dr. Resta was the Founding President of The International Society for Technology in Education (ISTE), and also served as President of the International Council for Computers in Education. He served as Chair of Association of Teacher Educators National Com- mission on Technology and the Future of Teacher Education. Dr. Resta is the founder of ENAN, the Educational Native American Network that provided access to the Internet for the first time to Native American schools across the country. He is the recipient of awards including the Society of Information Technology in Teacher Education Life-Time Achievement Award, the U.S. Distance Learning Association Award for Outstanding Teaching in Higher Education, the U.S. Continuing Education Association National Distance Learning Course Award, Navajo Nation Chief Manuelito Award for outstanding contributions to Indian education, U.S. Department of Education National Institute of Education Outstanding Leadership Award.

GORDON FREEDMAN: NLET Board of Directors, President & Founder

Mr. Freedman is committed to education transformation to serve the learning and development needs of every young person, while responding effectively to the rapid changes taking place in 21st century society. He founded NLET because there was no national resource to research, analyze and redesign education practice and learning strategies that worked at a strategic level incorporating the advanced information technologies commonly used in consumer and commercial social and data technologies. Mr. Freedman served as VP, Global Education Strategy for eLearning leader Blackboard, Inc. from 2005 until 2012. In this position, he visited 18 countries and met with numerous leaders in government, higher educations, schools, research institutes and related associations. He also helped created and led the Blackboard Institute, concentrating on K-through-college progression. Mr. Freedman's global work for Blackboard focused on education change and innovation primarily in higher education and government policy. His work in the U.S. focused primarily on K-12 reinvention and K-20 planning, concentrating on New Mexico, California and Michigan. Mr. Freedman is author of several in-depth white papers on higher education, K-20, and K-12.

ED STANFORD: NLET Board of Directors, Vice Chair

Mr. Stanford has spent more than 40 years in educational publishing, and served as president of Prentice Hall College Division (1984-1994); president of St. Martin's College Division (1994-1997) as it was merged into what became Macmillan College Publishing; and president of the McGraw-Hill Higher Education Group (2000-2011), the last six of those years "in education and technology." Mr. Stanford was deeply involved in the development of digital strategies and digital product, including the work that led to McGraw-Hill's learning management platform (Connect) and to their assessment products. Mr. Stanford believes that the spread of formative (ongoing) assessment is the single most important digital development and has the greatest potential to improve learning outcomes. Mr. Stanford was extensively involved in McGraw-Hill's partnership with ALEKS in math (including the use of ALEKS for placement) and was directly and extensively involved in the development of LearnSmart, an adaptive assessment product that can be used across most disciplines. Mr. Stanford served for 21 years on his local school board, South Orangetown Central School District in Rockland County, New York, serving as president of the board three times and as president of the county school board association. Throughout his career, he was actively involved with the Association of American Publishers higher education group, serving as chair of the AAP Copyright Committee for five years. Mr. Stanford was one of the five founding members of Coursesmart, the industry consortium to develop and deliver eBooks.

RICHARD S. METZ: NLET Board of Directors, Treasurer & CFO

Mr. Metz has been in higher education administration for more than 35 years, serving as the Chief Administrative and Financial officer at his institution of employment. Previously, he was Vice President for Finance and Administration/CFO at the City College of New York (CUNY's flagship campus), served as Vice President for Administration and Business Affairs/CFO at California State University, East Bay. Mr. Metz's extensive experience also includes having spent time at Frostburg State University as Vice President for Administrative Services/CFO, Lehigh University as Director of Auxiliary Services, Essex Community College as Assistant to the President, and Towson University as University Center Operations Manager.

KURT STEINHAUS: NLET Board of Directors

Dr. Steinhaus was recently named Superintendent of the Los Alamos (NM) Public Schools. Previously, he was the Director of Community Programs Office, Los Alamos National Laboratory, where he ran an 200-person organization that connects the Lab with New Mexico communities, ensuring positive impact on region's economy, environment, educational system, and quality of life. Dr. Steinhaus served as New Mexico Governor Bill Richardson's Education Policy Advisor, as Deputy Cabinet Secretary New Mexico Department of Education, President of the International Society for Education and Technology (ISTE), State Director of Educational Technology New Mexico Department of Education, and Assistant Superintendent for Accountability and Information Services.

ADVISORS

AVANISH SAHAI: NLET Strategic Advisor – Management & Financial

As an executive in high technology, Mr. Sahai has grown multiple businesses from zero to $20-$100M in short periods, while building high performing teams ranging from 5 to 100+ members. He is also an advisor/consultant to boards and executive teams of various venture-backed companies that have had successful M&A exits. Over his career, Mr. Sahai has raised more than $120M in VC funds from leading investors in Silicon Valley. He got his start in the high tech industry as part of the first McKinsey office in Silicon Valley McKinsey. From 2009 to 2014, Mr. Sahai was a global vice president for SalesForce.com. He has his MBA from UCLA Anderson School; MSCE, Boston University; and BSEE, University of Sao Paulo.

KIRA BACARRI: NLET Strategic Advisor – Development

Ms. Bacarri is a catalyst for InventionShare, an Ottawa-based company that provides inventors with funding, talent and expert processes to accelerate invention, patent creation and monetization. She spent fifteen years as a development professional, most recently as Vice President for the Nutrition Science Initiative (NuSI), a startup non-profit in San Diego. Prior to NuSI, Ms. Bacarri served the University of California, Los Angeles (UCLA) as Executive Director for the Department of Transplantation and Surgical Services, Senior Director for the Department of Urology, and Director for the Division of Social Sciences. From 2000-2010, she held leadership positions in annual and planned giving at Pepperdine University in Malibu, CA and The George Washington University in Washington, D.C., respectively. Ms. Bacarri is grateful to support NLET whose leadership she respects, objectives she admires and strategies she believes are unparalleled in breadth and depth and elucidate the progressive change necessary for K-12 education.

RYAN MCMENIMAN: NLET Strategic Advisor – PR & Marketing

Mr. McMeniman is a global marketing and communications expert who provides senior executives with strategic counsel aimed at driving growth or pursuing exists. Based upon his significant experience with disruptive technologies, Ryan has a deep interest in the positive impact that software, applications, and social networks will have on the education sector. Since 2008, Ryan has been the president and owner of Ward Hill Marketing, an outsource marketing agency that focuses on the sustainable energy, telecommunications, and other high-tech industries. Previously, he worked for three technology start-ups that raised more than $250M in venture and private equity funding – one of which was acquired by Cisco Systems for $3B in 2007. Mr. McMeniman graduated from St. Michael's College with a bachelor of arts in English and a concentration in Journalism.

CORPORATE SECRETARY

MARY BULL: NLET Corporate Secretary
Dr. Bull is a leader in educational transformation in Texas and California. Her experience includes high school teaching, assistant principal and principal roles, and assistant superintendent positions with human resources; curriculum and instruction; a K-12 vertical team; accountability, research and grant development; human capital management, and the superintendency responsibilities. Dr. Bull's experience ranges from districts as small as 2,100 to as large as 83,000. Dr. Bull also served as an assistant professor in the College of Education at Texas State University. She was a national Malcolm Baldrige examiner and implemented and trained staff in the Baldrige model of Performance Excellence in two suburban school districts. Dr. Bull earned her Bachelor of Science degree in secondary education and a Master of Education in special education from the University of Texas at Austin. After her teaching and administrative experience, she was selected as a Fellow into the highly acclaimed Cooperative Superintendency Program at the University of Texas at Austin, earning her Ph.D. in educational administration.

REPRESENTATION

ROB WEXLER: NLET Corporate Counsel http://adlercolvin.com/
Mr. Wexler is a Principal with the San Francisco law firm of Adler & Colvin, a firm that specializes in the representation of nonprofit organizations and their donors, with an emphasis on tax and corporate matters. His practice focuses on private foundation grant making, program related investments, representing social enterprises, and unrelated business income tax issues, in addition to the full range of other issues affecting public charities and private foundations. He received his law degree from Columbia University and is a Lecturer, Stanford Law School, where he teaches the Law of Nonprofit Organizations. He is a member of the Board of Directors of Benetech, a 501(c)(3) that uses technology to serve humanity. Mr. Wexler is a member of the American Bar Association, Vice Chair Tax Section's Exempt Organization Committee

PAMELA A. MAININI: NLET Accountant & Auditor pam@npocpa.pro
Ms. Mainini has extensive experience in auditing, governmental funding and federal award programs in accordance with OMB Circular A-133 and Yellow Book standards. She boasts a non-profit expertise in Sacramento, Yolo and Solano Counties, serving more than sixty-five tax-exempt organizations, including a health clinic, college, churches, schools, facilities for mental health, developmental disabilities and addiction services, group homes, land conservancy groups and voluntary health and welfare organizations.