

NH Company	NHIRC Project Name	End Date	City	Faculty Name	Department, Academic Institution
2KR Systems, LLC	Wireless Rooftop Snow Load Measurement System	6/30/15	Barrington	Mihaela Sabin	UNH Computing Technology Program, Manchester
AAC International	Analysis of Ultrasonic Propagation for Dental Diagnosis	6/30/09	Lebanon	Minh Q. Phan	Thayer School of Engineering, Dartmouth
AAC International	Development of a Miniaturized Laser Ultrasonic Receiving Device	5/15/02	Lebanon	Elsa Garmire	Thayer School of Engineering, Dartmouth
Aavid Engineering	Technical Support Services	1/30/97	Laconia	Ralph Draper	Engineering Technology, UNH
Aavid Thermal Technologies, LLC	Group Technology Phase 3	1/31/96	Laconia	Craig Wood	Whittemore School of Business & Economics, UNH
Aavid Thermalloy, LLC	Heat Pipe Aging Study	6/30/03	Laconia	Dale Barkey	Chemical Engineering, UNH
Acu-Gage	Mechanical upgrades to video measuring machine	2/28/98	Hudson	Steve Ryan	Mechanical Engineering, NHTI
Admix	Development of a High Shear Inline Emulsifying Mixer	6/30/98	Londonderry	Charles Hutchinsor	Thayer School of Engineering, Dartmouth
Advanced Computer Resources	Low Cost School Bus/.Vehicle Monitoring and Emergency Management System	12/31/04	Nashua	Andrzej Rucinski	Electrical and Computer Engineering, UNH
Advanced Device Technologies	Develop technology to fabricate a Triple Band QWIP Detector	6/30/98	Salem	Sheng S. Li	Electrical and Computer Engineering, U of Florida
Advanced Renewable Energy Company LLC	Orientation, Coring, Quality Assessment of Sapphire Ingots for LED Applications	5/31/11	Nashua	James Kzranowski	Mechanical Engineering, UNH
Airmar Technology	Advanced Portable Lightning Sensor	12/31/13	Milford	James Koermer	Meteorology, PSU
Airmar Technology	Ultrasonic Test Systems	6/30/96	Milford	Ken Baldwin	Mechanical Engineering, UNH
Alaka'l Consulting / Engineering Inc.	Advanced Detection of Explosives - Signal Processing	8/31/09	Chester	Kevin Short	Mathematics, UNH
Albany Engineered Composites, Inc.	Elimination of Microcracks in 3D Woven Composites	5/31/10	Rochester	Igor Tsukrov	Mechanical Engineering, UNH
Albany Engineered Composites, Inc.	Elimination of Microrcracking in 3D Woven Composite Structures	6/30/12	Rochester	Igor Tsukrov	Mechanical Engineering, UNH
Albany Techniweave, Inc.	Characterization and Evaluation of AIT's Gas Diffusion Layer for Fuel Cells	6/30/04	Rochester	V.K. Mathur	Chemical Engineering, UNH
Albany Techniweave, Inc.	Development and Characterization of High Temperature Ceramic Braided Seals	7/31/02	Rochester	V.K. Mathur	Chemical Engineering, UNH
Allan-Rogers Ltd.	Improved Product Quality	6/30/93	Laconia	Marie Guadard	Mechanical Engineering, UNH
Allor Project Company	Testing the effectiveness of Plant-Allor for plant growth and development	2/28/03	Concord	Subhash Minocha	Plant Biology, UNH
AmberWave System Corporation	Cost Effective Nano-Patterning for Aspect Ratio Trapping Technology	12/15/09	Salem	Glen Miller	Chemistry, UNH
Applied Geosolutions LLC	Developing Agrucultural Greenhouse Gas Offset Tools for the Web	6/1/11	Durham	Changsheng Li	Complex Systems Research Center, UNH
Applied Geosolutions LLC	Developing cutting-edge web-mapping technology for land use modeling	6/30/09	Durham	Bobby Braswell	Complex Systems Research Center, UNH

NH Company	NHIRC Project Name	End Date	City	Faculty Name	Department, Academic Institution
Applied Geosolutions LLC	Developing Geo-Spatial Tools for Web GIS and 3- D Visualization	2/28/09	Durham	Alex Prusevich	Complex Systems Research Center, UNH
Applied Geosolutions LLC	Developing Tools for Web-based Geo-Spatial Decision Support Systems	12/31/06	Durham	Changsheng Li	Complex Systems Research Center, UNH
Applied Geosolutions LLC	Developing Web-tools for Dissemination of Manure- DNDC	8/31/98	Durham	Changsheng Li	Complex Systems Research Center, UNH
Ardent	Development of 50 Ohm Interconnect COTS (Commercial, Off the Shelf) Connector	12/31/06	Seabrook	Andrezaj Rucinski	Electrical and Computer Engineering, UNH
ArgenTech Solutions	Commercialization of High Performance Photoluminescent Based Powder Coatings	2/28/15	Durham	John Tsavalas	Chemistry, UNH
ArgenTech Solutions	Development of High Performance Photoluminescent Based Powder Coatings	5/31/13	Durham	John Tsavalas	Chemistry, UNH
ArgenTech Solutions	Encapsulation of Anti-traction Material for Security Applications	1/1/13	Durham	Nivedita Gupta	Chemical Engineering, UNH
Audit Security Bags	Problem of Adhesive Failure	6/30/98	West Lebanon	Rich Hoffman	Chemical Engineering, UNH
Aura Instrumentation	Mechanical MusculoSkeletal Torso Model	6/30/99	Mount Vernon	John LaCourse	Electrical and Computer Engineering, UNH
Aurora Optics	Tissue Kinetics for Photosensitized Detection & Treatment of Cancer	6/30/99	Lebanon	P. Jack Hoopes	Surgery and Radiation Research, Dartmouth
AxiSol	Optical System Development for AxiSol High Efficiency Solar Collector	12/31/12	Lebanon	Jieng Liu	Thayer School of Engineering, Dartmouth
Bentley Pharmaceuticals	Biodisposition of hormone replacement gels; intranasal delivery of insulin	6/30/04	North Hampton	Roger Wells	Animal and Nutritional Sciences, UNH
Bentley Pharmaceuticals	GnRH and Transport of GnRH in mammals	6/30/03	North Hampton	Stacia Sower	Biochemistry, UNH
Bentley Pharmaceuticals	GnRH Nasal Formulations	6/30/07	North Hampton	Stacia Sower	Biochemistry, UNH
Bentley Pharmaceuticals	Intranasal delivery of insulin using Cyclopentadecanolide as a permeation enhancer	9/30/05	North Hampton	Roger Wells	Animal and Nutritional Sciences, UNH
Bentley Pharmaceuticals	Permeation Enhancement Technology Research / Development	4/20/01	North Hampton	Yvon Durant	Chemistry, UNH
Bentley Pharmaceuticals	Permeation Enhancement Technology Research / Development-2	12/31/04	North Hampton	Yvon Durant	Chemistry, UNH
Bentley Pharmaceuticals	Treatment of Chronic Fatigue Syndrome and Fibromyalgia	6/20/04	North Hampton	Hillary White	Microbiology and Immunology, Dartmouth
Bio-Oil (BEDCO)	Economic Feasibility of Bio-Oil in NH's North country	3/31/02	Durham	Ihab Farag	Chemical Engineering, UNH
Bioquest	Development of Magnetic and non-magnetic particle liposomes for Invitro and invtro diagnostic and therapeutic	6/25/93	Atkinson	Tom Foxall	Biological Science, UNH
Bioquest	In Vitor Studies of Drug Delivery Systems	3/31/94	Atkinson	Tom Foxall	Biological Science, UNH
Biorelease Technologies	"Erythrogen" and Chondroitin Applications	6/30/95	Bedford	Tom Laue	Biochemistry, UNH
BioSignetics Corporation	Accuracy of Heart Sound Energy Characterization	6/30/07	Exeter	Allan Storrow	Emergency Medicine, Vanderbilt

NH Company	NHIRC Project Name	End Date	City	Faculty Name	Department, Academic Institution
BioSignetics Corporation	System of Quantitative Scores and Heart Energy Signature Method	3/30/09	Exeter	Robert Geggel	Cardiology, Boston Children's Hospital
BioTherapeutics, LLC	A Device to Predict and Follow Upper Extremity Work Disorders	5/31/01	Stratham	John LaCourse	Electrical and Computer Engineering, UNH
BioTherapeutics, LLC	A Device to Predict and Follow Upper Extremity Work Disorders	7/30/00	Stratham	John LaCourse	Electrical and Computer Engineering, UNH
BioTherapeutics, LLC	Screening Device for Upper Extremity Work Disorders	3/3/99	Stratham	John LaCourse	Electrical and Computer Engineering, UNH
Built-On Technology	FillMaster 1000	6/30/95	Derry	Ralph Draper	Engineering Technology, UNH
CairnSurgical	Supine MRI Development for Breast Cancer Locator 3D Printing		Lebanon	Keith Paulsen	Thayer School of Engineering, Dartmouth
Celdara Medical, LLC II	Cellular Immunotherapy for Cancer	11/30/11	Lebanon	Charles Sentman	Microbiology and Immunology, Dartmouth
Celdara Medical, LLC II	Scleroderma Diagnostics	2/28/11	Lebanon	Michael Whitfield	Genetics, Dartmouth
Chaoticom Technologies	Investigations into Compression and Signal Processing	5/31/06	Durham	Marianna Shubov	Mathematics, UNH
Chart Inc., Storage Systems Division	Aerogel insulation at Low Pressures and Cryogenic Temperatures	6/30/04	Plaistow	V.K. Mathur	Chemical Engineering, UNH
Clearview Software	COSTAR Software Development Kit	6/30/94	Amherst	Dan Bergeron	Computer Science, UNH
Cleary Cleaners	SPC Assistance	6/30/94	Rochester	Ernst Linder	Mathematics, UNH
Conductive Compounds	Silver Nanoparticle Synthesis and Process Design for Printable Conductive Media	12/31/12	Hudson	Dale Barkey	Chemical Engineering, UNH
Conproco	Study Corrosion in Reinforced Concrete	6/30/97	Dover	Dale Barkey	Chemical Engineering, UNH
Creative Optics	High Performance Computing for Real Time Medical Imaging	6/30/98	Bedford	Thomas Probert	High Performance Computing, WPI
Crown Vantage	Management Training and Environmental Compliance	6/30/97	Berlin	V.K. Mathur	Chemical Engineering, UNH
Cubic Wafer	Electrochemical Processing for Dense Vertical Semiconductor Integration	9/30/07	Merrimack	Dale Barkey	Chemical Engineering, UNH
Cubic Wafer	Wafer-Level, Three Dimensional Integrated Circuit Packaging	7/31/06	Merrimack	Dale Barkey	Chemical Engineering, UNH
Current Technology	Massively Parallel Processor Development	6/30/94	Durham	Tom Miller	Electrical and Computer Engineering, UNH
D.D. Bean / Sons	Friction Formulation for Safety Matches	12/31/01	Jaffrey	P.T. Vasudevan	Chemical Engineering, UNH
Davidson Instrument Panel (Textron)	Flexible Bright technical Support	9/30/94	Dover	Todd Gross	Mechanical Engineering, UNH
Dedicated Electronics	Microwave Wood Moisture Profiling System	6/30/95	Chester	John Hill	Natural Resources, UNH
Design Mentor, Inc.	Pulsatile Pressure Pumping for Cardiopulmonary Bypass	12/31/12	Pelham	Ryan Halter	Thayer School of Engineering, Dartmouth

NH Company	NHIRC Project Name	End Date	City	Faculty Name	Department, Academic Institution
Diatide	Development of Rhenium Theratides for cancer therapy	5/31/00	Londonderry	Thomas Foxall	Biological Science, UNH
Diatide	Fibrinogen Inhibitor Drug Development	6/30/94	Londonderry	Tom Foxall	Biological Science, UNH
Diatide	Peptide Receptor Subtypes in Tumors	6/30/00	Londonderry	Andrew Laudano	Molecular, Cellular / Biomedical, UNH
Durham Research	Mineral-Enriched Yeast Food Supplement	3/31/03	Londonderry	William Chesbro	Microbiology, UNH
Durham Research	Vitamin and Mineral-Enriched Yeast Food Supplements	12/31/03	Londonderry	William Chesbro	Microbiology, UNH
Eastern Air Devices	High Precision Electric Motor Test Device	6/30/93	Dover	Barry Fussel	Mechanical Engineering, UNH
Eastern Air Devices (Electrocraft)	Marketing Study	11/30/96	Dover	Walfried Lassar	Whittemore School of Business and Economics, UNH
Energy Reclamation Inc.	Hydrogen Plasma Pyrolysis Process	6/30/94	Rollinsford	James Worman	Chemistry, Dartmouth
Fenris	Polymer stationary phases for high performance liquid chromatography	6/30/98	Durham	Rudolf Seitz	Chemistry, UNH
Fireye	Infrared Flame Sensing Devices	6/30/93	Derry	Sterling Tomellini	Chemistry, UNH
Flight Simulation Systems	Load Cell and Optics System	6/30/94	Nashua	Alan Drake	Electrical and Computer Engineering, UNH
Fluent, Inc.	CFD Using Particle Methods	6/30/98	Lebanon	John McHugh	Mechanical Engineering, UNH
Foss Manufacturing Company	Ergonomic assessment to Enhance Production and Worker Safety	12/31/97	Hampton	John LaCourse	Electrical and Computer Engineering, UNH
Foss Manufacturing Company	Optimization of Silver Nanoparticle Processing for Antimicrobial Applications	6/30/10	Hampton	James Harper	Physics, UNH
FPR, Inc.	Mammographic Applications of the FPR Fast pattern Recognizer	6/30/98	Merrimack	John Weaver	Thayer School of Engineering, Dartmouth
GFS Magnetics	Automotation and Shop Floor Redesign	6/30/94	Dover	John LaCourse	Electrical and Computer Engineering, UNH
Global Ozone Solutions	ERS 202 and 502 Design Upgrade for UL Approval	6/30/93	Atkinson	Ralph Draper	Engineering Technology, UNH
Globe (Globe Firefighters Suits)	Operations Improvement	7/31/96	Pittsfield	Craig Wood	Whittemore School of Business & Economics, UNH
GlycoFi, Inc.	Improving Secretioin Capacity of a Yeast-based Protein Production Platform	11/20/04	Lebanon	Tillman Gerngross	Thayer School of Engineering, Dartmouth
Graphicast Inc.	Improving Reliability and Quality in a Permanent Mold Metal Casting Process	6/30/08	Jaffrey	Ronald Lasky	Thayer School of Engineering, Dartmouth
Graphicast Inc.	Structure/Property Characterization of 3D Printed Metal Parts	4/30/16	Jaffrey	Ronald Lasky	Thayer School of Engineering, Dartmouth
Great Bay Aquaculture/Aquafarms	Control of Fish Diseases	2/28/97	Portsmouth	David Berlinsky	Zoology, UNH
Great Bay Aquaculture/Aquafarms	Stress Reduction during Transport, Grading and Vaccination in Atlantic Cod	5/31/06	Portsmouth	David Berlinsky	Zoology, UNH

NH Company	NHIRC Project Name	End Date	City	Faculty Name	Department, Academic Institution
Great Crates	Custom Crates Redesign	8/31/97	Strafford	Ralph Draper	Engineering Technology, UNH
GT Equipment Technologies, Inc.	A Prototype Process for Poly-silicon Chemical Vapor Deposition in Silicon Tubes	12/31/04	Merrimack	Carmela Amato-Wierda	Material Sciences, UNH
GT Equipment Technologies, Inc.	A Prototype Process for Poly-silicon Chemical Vapor Deposition within Silicon Tubes	2/1/03	Merrimack	Carmela Amato-Wierda	Material Sciences, UNH
GT Equipment Technologies, Inc.	Near Atmospheric Pressure Reactive Plasma Device	12/31/08	Merrimack	Carmela Amato-Wierda	Material Sciences, UNH
GT Equipment Technologies, Inc.	Plasma Chemical Vapor Deposition Process for Silicon Nitride Thin Films	5/31/05	Merrimack	Carmela Amato-Wierda	Material Sciences, UNH
GT Equipment Technologies, Inc.	Plasma Enhanced Chemical Vapor Deposition of silicon Nitride on Solar Cells	12/31/01	Merrimack	Carmela Amato-Wierda	Material Sciences, UNH
GT Equipment Technologies, Inc.	Polysilicon Chemical Vapor Deposition on Silicon Tubes	1/15/02	Merrimack	Carmela Amato-Wierda	Material Sciences, UNH
Halo Maritime Defense Systems	Numerical Modeling Tools to enhance Marine Anti-Terrorism Barrier Systems		Newton	Igor Tsukrov	Mechanical Engineering, UNH
Hexaport International Ltd.	Experimental Testing and Analysis of Hexaport Strong Stud Sections	12/31/02	Weare	Robert Steffen	Civil Engineering, UNH
Hitchiner	Waste Heat Recovery in Investment Casting Process	12/31/11	Milford	Ihab Farag	Chemical Engineering, UNH
Hubscrub	Develop tire washer for existing wheelchair washing system	9/30/97	Manchester	Steve Ryan	Mechanical Engineering, NHTI
Hutchinson	Adhesion strength of commercially available isomers	8/1/12	Newfields	Ronald Goulet	Mechanical Engineering, UTC
Hypertherm, Inc.	Abrasive Slurry Jet Cutter	12/31/10	Hanover	Solomon Diamond	Thayer School of Engineering, Dartmouth
ImmuRx Inc.	Drug Platform for Cancer and Infectious Disease	12/31/09	Lebanon	Randolph Noell	Microbiology and Immunology, Dartmouth
ImmuRx Inc.	Immune System Stimulant in Preparation for Human Clinical Evaluation	12/31/10	Lebanon	Mary Jo Turk	Microbiology and Immunology, Dartmouth
Innovative Medical Systems	Apnea Monitor Research and Development	6/30/96	Hampton	John LaCourse	Electrical and Computer Engineering, UNH
Insight Biomedical, Inc.	Optimized quantitative intracellular detection of HIV mRNA	5/31/01	Manchester	Paul Wallace	Microbiology, Dartmouth
Intellitech Corporation	Develop software for new product "Eclipse"	5/1/98	Durham	Andrzej Rucinski	Electrical and Computer Engineering, UNH
Intellitech Corporation	Development of Memory Device Models for Eclipse Testing Equipment	8/31/02	Durham	Andrzej Rucinski	Electrical and Computer Engineering, UNH
Ion Physics Corporation	A Novel Treatment Method of Drinking Water	11/30/01	Atkinson	Aaron Margolin	Microbiology, UNH
Ion Physics Corporation	Market study	5/1/97		Charles Gross	Whittemore School of Business, UNH
Itaconix, LLC	Continuous polymerization of itaconic acid	11/30/10	Hampton Falls	Yvon Durant	Material Sciences, UNH
Itaconix, LLC	Polyitaconic Esters	12/31/10	Hampton Falls	Yvon Durant	Material Sciences, UNH

NH Company	NHIRC Project Name	End Date	City	Faculty Name	Department, Academic Institution
Itaconix, LLC	Process scale up for the polymerization of itaconic acid	12/31/09	Hampton Falls	Yvon Durant	Material Sciences, UNH
Itaconix, LLC	Purification Technology for the Production of Itaconic Acid	12/31/11	Hampton Falls	Jennifer Durant	Biochemistry, UNH
IVS 3D	Multibeam sonar water-column data extraction, visualization and analysis	12/31/09	Portsmouth	Tom Weber	Coastal and Ocean Mapping, UNH
IXXAT, Inc	Blood Pressure Control with Variable Hospital Bed Height	8/31/07	Bedford	John LaCourse	Electrical and Computer Engineering, UNH
IXXAT, Inc	Interoperability Case Study: Blood Pressure and Hospital Bed	12/31/06	Bedford	John LaCourse	Electrical and Computer Engineering, UNH
Johnson / Johnston Associates	Improvements in the CAC gluing process	6/30/01	Hampstead	Ralph Draper	Engineering Technology, UNH
K.J. Quinn & Co., Inc.	NVP2000 Polyurethane Coating Improvement	12/18/95	Seabrook	Marie Guadard	Mechanical Engineering, UNH
Kensington Research	Organic Acid Production from Xylose-Based Renewable Resources	12/15/09	Hampton Falls	Jennifer Durant	Molecular, Cellular / Biomedical, UNH
KRL/Bantry	Surface Mount Handling, Testing, and Packaging	6/30/94	Manchester	Ralph Draper	Engineering Technology, UNH
L.W. Packard	Water and Air Pollution Reduction	6/30/95	Ashland	Ihab Farag	Chemical Engineering, UNH
Lamprey Networks	Characterizing Sympathetic Response to Verify Medication Adherence	1/31/16	Durham	Radim Bartos	Computer Science, UNH
Lamprey Networks	Remote Health Monitoring in the Continua Model	5/31/15	Durham	Radim Bartos	Computer Science, UNH
Lancast	Evaluation of Lasers	6/30/98	Nashua	Rich Messner	Electrical and Computer Engineering, UNH
Lydall, Inc.	GDL/MEA/MEU Components for Lydall's PEM Fuel Cell Program	4/14/03	Rochester	V.K. Mathur	Chemical Engineering, UNH
M2S, Inc.	Fully Automated Segmentation of Aortic Aneurisms	2/29/12	West Lebanon	Alexander Hartov	Thayer School of Engineering, Dartmouth
M2S, Inc.	Web Based Clinical Data and Radiographic Image Registry for Quality Improvement	12/31/10	West Lebanon	Tracy Onega	Community / Family Medicine, Dartmouth
Materials Innovations	Materials Characterization	6/30/97	Lebanon	Francis Kennedy	Thayer School of Engineering, Dartmouth
MBP, Bioenergy, LLC	Biodiesel Processor Automation	6/30/08	North Conway	Ihab Farag	Chemical Engineering, UNH
Medical Media Systems	Computer Aided Surgery Products	12/31/95	West Lebanon	Joseph Rosen	Thayer School of Engineering, Dartmouth
Medical Media Systems	Smart Endoscopic environment	9/30/04	West Lebanon	Steve Pieper	Thayer School of Engineering, Dartmouth
Mills Industries	Container Testing and Design	6/30/94	Laconia	Robert Henry	Civil Engineering, UNH
Morrell Corp.	"Flying Yankee" Visual Presentation System	6/30/95	Glen	Alan Drake	Electrical and Computer Engineering, UNH
Mt. Washington Cog Railway	Conversion of the Mount Washington Cog Railway's Locomotives from Burning coal to burning oil	12/31/03	Mt. Washington	Ihab Farag	Chemical Engineering, UNH

NH Company	NHIRC Project Name	End Date	City	Faculty Name	Department, Academic Institution
Nanocomp Technologies Inc.	Conductivity Enhancements for Carbon Nanotube Wire	1/31/16	Merrimack	David Lashmore	Material Sciences, UNH
Nanocomp Technologies Inc.	Gas-Phase Chemistry of Carbon Nanotube Formation	6/30/09	Concord	Carmela Amato-Wierda	Material Sciences, UNH
Nashua Corp	UV Absorbing Coatings	6/30/94	Nashua	Donald Sundberg	Material Sciences, UNH
NE Electric Wire	Retractable Cord process automation	6/30/95	Lisbon	Ralph Draper	Engineering Technology, UNH
New Hampshire Ball Bearing, Inc.	Design Technique Development	8/20/97	Laconia	Ralph Draper	Engineering Technology, UNH
New Hampshire Ball Bearing, Inc.	Develop Improved Contact Angle Measuring Procedure	5/31/03	Peterborough	Ralph Draper	Engineering Technology, UNH
New Hampshire Optical Systems	Turning on the Light on the Dark Fiber Model	6/30/13	Nashua	Scott Valcourt	Strategic Technology-IT, UNH
Newport Computer Services	Newport Inventory Asset Management System	6/30/09	Rochester	A.R. Venkatachalam	WSBE, UNH
NHICC	Organic Semiconductors for EOP and LED Markets	12/31/11	Portsmouth	Glen Miller	Chemistry, UNH
Northeast Photosciences	Development of optical emission tomography	9/30/01	Hollis	David Watt	Mechanical Engineering, UNH
Northeast Photosciences	Holographic Anti-reflection coatings	10/31/96	Hollis	David Watt	Mechanical Engineering, UNH
Northland Tool	Develop an Inplace, Spindle grinding machine	6/30/98	Weare	Ralph Draper	Engineering Technology, UNH
Norton-Saint Gobain Industrial Ceramics	Ceramic Igniter Process Improvement	6/30/94	Milford	Ralph Draper	Engineering Technology, UNH
Norton-Saint Gobain Industrial Ceramics	Develop New In-Process Test for Ceramic Igniters	7/31/01	Milford	Ralph Draper	Engineering Technology, UNH
Noyes Fiber Systems (aka AFL)	Compact Tunable Laser at 1.55 um	6/30/01	Belmont	Elsa Garmire	Thayer School of Engineering, Dartmouth
Obliterate Inc.	Data Erasure Platform & Solid State Devices	6/30/13	Portsmouth	Patrick Messer	Research Computing, UNH
Omega Smart, Inc.	The Omega Smart GI Project	9/30/08	Candia	Joanne Curran Celentano	Animal and Nutritional Sciences, UNH
Osram Smart, Inc.	Technical Support Services	12/14/96	Exeter	Ralph Draper	Engineering Technology, UNH
Paragon Publishing	Enhanced Publishing Systems	6/30/93	Bedford	Dan Bergeron	Computer Science, UNH
Pegit, Inc.	Develop Finite analysis of ellipsoid fastener	6/30/97	Dublin	Jerry Dwyer	Mechanical Engineering, UNH
Percardia Inc.	Percutaneous Ventricle to Coronary Vein Bypass	6/30/05	Merrimack	Craig Thompson	Cardiology, Dartmouth
Percardia Inc.	VSTENT Myocardial Implant	1/31/06	Merrimack	Aaron Kaplan	Cardiology, Dartmouth
Peroxyium	Pharmacodynamic and toxicological evaluation of liposomally encapsulated cerium oxide nanoparticles in	3/31/15	Lebanon	James Leiter	Geisel School of Medicine, Dartmouth

NH Company	NHIRC Project Name	End Date	City	Faculty Name	Department, Academic Institution
Piscataqua Research	Software Development	6/30/97	Portsmouth	Ted Sparr	Computer Science, UNH
Pleasant View Gardens	Breeding new Proven Winners™	12/31/04	Louden	Rosanna Freyre	Plant Biology, UNH
Pleasant View Gardens	Breeding new Proven Winners™ and Proven Selections™	9/30/06	Louden	Rosanna Freyre	Plant Biology, UNH
Pleasant View Gardens	Operations Improvement	4/28/96	Louden	Craig Wood	Whittemore School of Business and Economics, UNH
Poly Roll	Investigate use of plasma Discharge surface modifications	6/30/98	Louden	Robert Leuchtner	Physics, UNH
Poly Vac Inc.	Polymer Testing Project	12/31/01	Manchester	P.T. Vasudevan	Chemical Engineering, UNH
Poly Vac Inc.	Technical Support Services	1/31/96	Manchester	P.T. Vasudevan	Chemical Engineering, UNH
Powerspan (Zero Emissions)	UV Lamp Development	1/31/04	Portsmouth	L.C. Balling	Physics, UNH
Presby Environmental Inc.	Anti-pathogenic effectiveness testing of Enviro- Septic System	3/31/03	Sugar Hill	Aaron Margolin	Microbiology, UNH
Presstek Inc.	Research in Latex/Emulsion Polymers to be Utilized in Recordable Printing Media	3/31/10	Hudson	John Tsavalas	Material Sciences, UNH
Presstek Inc.	Research in Polymer Nanoparticle Technology to be Utilized in Lithographic Printing Media	12/31/12	Hudson	John Tsavalas	Material Sciences, UNH
Process Engineering, Inc.	Improving the Vacuum Pumping Process	1/31/96	Plaistow	V.K. Mathur	Chemical Engineering, UNH
Process Engineering, Inc.	Insulation Materials at Low Pressures and Cryogenic Temperatures	6/30/01	Plaistow	V.K. Mathur	Chemical Engineering, UNH
Process Instrumentation, Inc (Wireless Sensors)	Development of a control and monitoring system for industrial processes	3/1/05	Hampton	John McHugh	Mechanical Engineering, UNH
Prometheus Group	Antimicrobial Effects of EDSI on Infected Wounds	12/31/06	Dover	Frank Rodgers	Microbiology, UNH
Ray-Tech Infrared Corporation	Evaluation of an Updated Infrared Joint Heating System	3/31/11	Charlestown	Jo Sias Daniel	Civil Engineering, UNH
RdF Corporation	Temperature Sensor Process Improvement	4/1/98	Hudson	Ralph Draper	Engineering Technology, UNH
Recycled Asphalt	Post consumer shingles formulation for paving application	12/31/09	Brentwood	Jo Sias Daniel	Civil Engineering, UNH
Regal Sleeving and Tubing, LLC	Optimization of chemical formulatin in Acryflex fiberglass sleeving	7/31/05	Newmarket	P.T. Vasudevan	Chemical Engineering, UNH
Regal Sleeving and Tubing, LLC	Optimization of PVC Extrusion Process	8/31/06	Newmarket	P.T. Vasudevan	Chemical Engineering, UNH
Resonetics, Inc	Chemical assisted Laser Machining	8/31/95	Nashua	Ursula Gibson	Thayer School of Engineering, Dartmouth
Resonetics, Inc	Micro hole drilling with a copper vapor laser	4/1/99	Nashua	Todd Gross	Mechanical Engineering, UNH
Resonetics, Inc.	Optical Fiber Stripping Process	3/1/04	Nashua	Todd Gross	Mechanical Engineering, UNH



NH Company	NHIRC Project Name	End Date	City	Faculty Name	Department, Academic Institution
Roy Matheson and Associates	Data Support for Functional Capacity and Ergonomic Assessments	12/31/10	Keene	John LaCourse	Electrical and Computer Engineering, UNH
RyTek Medical	Bioimpedance-based Intracranial Mapping for Monitoring Evolving TBI		Lebanon	Ryan Halter	Thayer School of Engineering, Dartmouth
Sales Quality Associates (SQA)	Statistical Analysis	9/1/97	Manchester	Marie Guadard	Mathematics, UNH
Sanders	Non-Intrusive Health Management for Medical Applications	6/30/98	Merrimack	Anderzej Rucinski	Electrical and Computer Engineering, UNH
Saphikon Inc. (Saint-Gobain Crystals)	Optical Quality Sapphire Fibers	4/1/95	Milford	James Krzanowski	Mechanical Engineering, UNH
Sentry BioScience Inc.	Microfluidic Instrumentation Validation Study	7/31/06	Nottingham	Tom Laue	Biochemistry and Molecular Biology, UNH
SiGARMS, Inc.	A Handgun with Biometric Security	10/31/04	Exeter	Andrzej Rucinski	Electrical and Computer Engineering, UNH
Simply Green Biofuels LLC	Algae-based Biofuels using Water and CO <sub>2</sub> Resources from a Landfill	1/31/12	Portsmouth	Kevin Gardner	Civil Engineering, UNH
Sky Skan, Inc.	Climate and Change Visualization for Immersive Full Dome Environments	9/30/08	Nashua	Colin Ware	Coastal and Ocean Mapping, UNH
Sonetech Corp.	Diver Alert and Tracking System	7/1/97	Bedford	Ralph Draper	Engineering Technology, UNH
Spaceflight Systems Corporation	A Single Engine and Adaptive Multimodal Biometric System (SEA)	7/31/05	Bedford	Andrzej Rucinski	Electrical and Computer Engineering, UNH
Spin Analytical Inc.	Development of Proof-of-Concept Bench Top Flo Detector	9/30/08	Durham	Tom Laue	Biochemistry and Molecular Biology, UNH
Sports Enhancement Technologies, Inc	Design Technology & Machines to enhance sports training	5/1/99	Portsmouth	Ralph Draper	Engineering Technology, UNH
TBI ReFocus	TBI ReFocus Program: A User Friendly Personalized Computer Portal for Persons with Brain Injury, Stroke, or	12/31/07	Goffstown	John LaCourse	Electrical and Computer Engineering, UNH
Textron Automotive	Flexible Bright Product/Process Improvement	1/16/97	Farmington	Todd Gross	Mechanical Engineering, UNH
Textron Automotive	Void reduction in foamed-in automotive parts	6/30/00	Farmington	Yvon Durant	Chemistry, UNH
Textron Automotive Co.	PVC binding with the conventional polyurethane foam	12/31/02	Farmington	Yvon Durant	Chemistry, UNH
The Timberland Company	Biomechanical analysis of locomotion in the outdoors	12/31/09	Stratham	Kevin Short	Mathematics, UNH
ThermalVision Inc.	Microwave Thermal Keratoplasty: Safe, Simple, Low Cost Vision Correction	12/31/05	Hanover	Stuart Trembly	Thayer School of Engineering, Dartmouth
Turbocam Inc.	Advanced Ducted Wind Turbine Technology	1/31/09	Barrington	David Watt	Mechanical Engineering, UNH
Turbocam Inc.	Evaluation of the CNC Feedrate Selection program ShortCut	12/31/03	Barrington	Barry Fussel	Mechanical Engineering, UNH
Turbocam Inc.	Microstructure and mechanical behavior studies to advance direct metal laser sintering of cobalt based superalloys		Dover	Marko Knezvevic	Mechanical Engineering, UNH
Turbocam Inc.	Replacing Forging and Casting by Additive Manufacturing for Components made of Alloy 718	2/28/16	Dover	Marko Knezvevic	Mechanical Engineering, UNH

NH Company	NHIRC Project Name	End Date	City	Faculty Name	Department, Academic Institution
Unified Office	Funding to develop Unified Office IP-PBX	12/31/11	Portsmouth	Erica Johnson	UNH-IOL, UNH
Velcro Group Corporation	Dendrimers for Surface Modification and composite Materials	6/30/11	Manchester	Glen Miller	Chemistry, UNH
Velcro Group Corporation	Fabrication and Characterization of Nano- Fastening Materials	6/30/10	Manchester	Glen Miller	Chemistry, UNH
Velcro Group Corporation	Fabrication and Characterization of Nano- Fastening Materials	6/30/09	Manchester	Glen Miller	Chemistry, UNH
Warwick Mills	Bio-Weaves for Tissue Replacement and Support Structures	10/31/09	New Ipswich	P. Jack Hoopes	Surgery and Radiation Research, Dartmouth
WASTECH International, Inc.	Gravity driven flow in the Wastech separation device	9/30/01	Portsmouth	John McHugh	Mechanical Engineering, UNH
WASTECH International, Inc.	Particle Separation in waste streams	12/31/02	Portsmouth	John McHugh	Mechanical Engineering, UNH
White Mountain Pharma Inc.	Fibromyalgia syndrome	5/31/09	Portsmouth	Hillary White	Microbiology and Immunology, Dartmouth
Woomera Therapeutics	MAG-1 in the treatment of small cell lung cancer	12/31/09	Lebanon	William North	Physiology, Dartmouth
WW Pass	Secure Authentication and Data Management System for Healthcare	6/30/15	Manchester	Sergey Bratus	Computer Science, Dartmouth
Xemed	MRI Scanner for Hyperpolarized Xenon MRI of Human Lungs	6/30/10	Durham	Bill Hersman	Physics, UNH
Zero Emissions	Product Development	9/30/97	New Durham	V.K. Mathur	Chemical Engineering, UNH
Zero Emissions	UV Excitation Study	6/30/02	New Durham	L.C. Balling	Physics, UNH

NH Company	NHIRC Project Name	End Date	City	Faculty Name	Department, Academic Institution
------------	--------------------	----------	------	--------------	----------------------------------

NH Company	NHIRC Project Name	End Date	City	Faculty Name	Department, Academic Institution
------------	--------------------	----------	------	--------------	----------------------------------

NH Company	NHIRC Project Name	End Date	City	Faculty Name	Department, Academic Institution
------------	--------------------	----------	------	--------------	----------------------------------

















