

### MUS Technology Transfer Overview

- **PRE- 1980**
  - Government owned university technologies created under federal funding.
  - Since no incentive or infrastructure thousands of patents languished.
- **1980 - BAYH Dole Act**
  - Allow universities to own the patents from technologies created under federal funding.
  - As a result most universities established technology transfer offices to accept invention disclosures, pursue patents and license technologies created as a result of federal, state or private funding.
  - Wisconsin was an exception since it had WARF since the 1920's

### Important Aspects of Bayh-Dole

- Promote utilization of inventions from federally funded research.
- Encourage maximum participation of small businesses in federally funded research.
- Promote partnerships between commercial and nonprofit organizations.
- Ensure inventions are used in a manner that promotes competition and enterprise

### Important Aspects of Bayh-Dole

- Promote commercialization and public access of inventions.
- Minimize costs of administering policies in this area.
- Ensure government obtains sufficient rights to protect the public against non-use or unreasonable use of inventions

### University Obligations Under Bayh-Dole

- Obtain written agreements from employees recognizing their obligation to report inventions and assign them to the institution.
- Within two months after disclosing the invention it must be disclosed to the federal agency that provided support.
- File a patent application within one year after election of title.
- On the patent application include a statement that the U.S. government has rights to the invention (must also include the funding agency and award number).

### University Obligations - Continued

- Submit a confirmatory license to the federal agency for each U.S. patent application.
- Notify funding agency within 10 months of initial application whether foreign applications will be filed (include countries).
- Submit periodic reports (no more than once per year) regarding utilization of the patents.
- Notify funding agency at least 30 days before statutory deadlines if a patent application or patent will be abandoned.
- May not reassign to third parties (except patent management firms) without permission of the funding agency.

### University Obligations - Continued

- Licensing preference to small businesses if they demonstrate capability/resources.
- Require exclusive licensees to substantially manufacture any product in the U.S. unless waived by the funding agency.
- Share a portion of the licensing income with the inventor.
- Use balance of the income (after patenting and licensing costs are reimbursed) to "support education and scientific research."

## In-house or external

- Some universities established internal technology transfer operations
- And some established external research foundations or institutes.
- Several universities have changed from external to internal or vice versa over the years.
- MSU had the external Research and Development Institute until 2002 when the decision was made to bring TT back in-house.
- UM has had their TTO in-house since the beginning.

## BOR Patent and Copyright Policy

- If substantial use of MUS resources or under sponsored program, then MUS unit owns the patentable intellectual property.
- Must comply with sponsored agreement, federal policy.
- MUS Unit and inventor share 50:50 in net proceeds.
- Copyrighted materials are owned personally unless a work-for-hire agreement or sponsor requires otherwise.
- Software may fit either one.

## Technology Transfer (TT) Process - Disclosure

- Submitting the disclosure.
  - Brief description of the invention or software
  - Names of all inventors
  - Organization that sponsored the research
  - Potential commercial markets for the invention
  - Companies that may want to license

## TT Process – Evaluation & Filing

- TTO evaluates invention for patenting since costs are \$10-\$30K (If foreign much higher)
  - Likelihood of patentability based on prior art
  - Likelihood of attracting commercial interest
  - Are funds available from the university or a prospective licensee
- Filing the Patent Application involves outside patent attorney working with the inventors.

## TT Process - Marketing

- Marketing and Licensing the Patent
  - Licensing of university inventions is a challenge since usually requires significant additional R&D before commercialization.
  - Identifying potential licensees involves establishing linkages in advance with companies who may be interested in the technology
  - Provisional patents are the norm.
  - Exclusive versus non-exclusive

## TT Process - Licensing

- In Licensing, Universities Seek to:
  - Comply with federal laws
  - Comply with State/Regents policies.
  - Reserve rights to the university for education and research purposes.
  - Reserve rights to publications

### TT Process – Licensing

- Provide for a fair remuneration to the University and the inventor.
- Require due diligence.
- Reserve rights for other investigators, unrelated to the license, to research in related areas without obligation to the licensee.

### TT Process - Licensing

- Licenses and patents hold confidential information.
- If technology is disclosed prior to patenting, lose ability to patent and license.
- Licensees insist on their business information and trade secrets be kept confidential, or they will NOT license.

### Sponsored Research

- Provide for an exclusive license (for one year after research is completed) to license technology created under sponsorship.
- Reserve publication rights
  - Do not conduct secret research.
  - Universities mission is to create and disseminate knowledge.

### Start-up Companies Based on University Created Technology

- If the inventor participates in the company then she/he is subject to federal based conflict of interest policies and are reviewed in the following areas:
  - Position in the company
  - Sponsored research into their MUS lab
  - Equity positions
  - Consulting
  - Remuneration
  - Students involved
  - Position on Board of Directors

### Licenses and Start-up Companies Provide:

- Synergistic partnerships between MUS and the private sector
- Employment opportunities for MUS grads
- Economic development
- Jobs with good salaries in Montana

### Summary Comments on Licensing

- Most will not produce large amounts of revenue.
- On average nationwide approximately 1 in 1000 will produce revenue in excess of \$1 million.
- Patient process, e.g. if clinical trials involved it could take 10 years before any revenues are realized.
- Due diligence is required in all licensing agreements.

## Montana State University Data

- 102 Patents Issued
  - 64 U.S.
  - 38 Foreign
- 124 Patents Pending
  - 48 U.S.
  - 76 Foreign
- 11 Plant Variety Protection (PVP) Certificates
- 102 Active Licenses – 67 with Montana Companies
  - 2 Licenses under BoR Policy 407
  - 2 BoR Policy 407 Approvals
  - No Revenue under BoR Policy 407 Licenses

## MSU Success Stories

- Phillips Environmental Products, Inc.
  - Makes portable toilet units for FEMA, DOD, Forest Service, Park Service, campers, etc.
  - Toilets currently sold – increase since Katrina
  - 2 MSU College of Ag technologies licensed for use in toilets to sanitize and degrade compounds
  - The technologies are going through EPA registration process
  - Will be added to the toilets when registration is complete

## MSU Success Stories continued

- MPA Technologies, Inc.
  - Laser technology developed in chemistry and physics depts.
  - Utilized for cancer diagnostics and therapeutic purposes
  - New Bozeman company established
  - Venture capital – seed and series A round
  - Set for animal studies to validate technology

## Montana Success Stories continued

- LigoCyte Pharmaceuticals, Inc.
  - 50 person drug development company in Bozeman spun out of MSU
  - 6 technologies licensed from College of Ag
  - ~ \$15million in collaborative research w/MSU
  - Provides internships and hires MSU grads
  - Mentors other MSU spin-out companies

## University of Montana Data

- Missoula
  - 50 Patents Issued
    - 26 U.S.
    - 24 Foreign
  - 12 Patents Pending
    - 3 U.S.
    - 9 Foreign
  - 22 Active Licenses
  - 4 Licenses under BoR Policy 407
  - 7 BoR Policy 407 Approvals
  - No Revenue from Licenses under BoR Policy 407
- Butte
  - 2 Patents Issued
  - 2 Active Licenses – Both to Montana Companies
  - No Licenses or Approvals under BoR Policy 407

## Combined Licensing Activity for UM and MSU over the Past Five Years

- 157 Patents Issued
  - 120 U.S.
  - 37 Foreign
- 113 Active Licenses – 72 with MT companies
- 78 New Licenses
  - 67 MSU
  - 11 UM
- 27 Licenses Include Employee Equity
- Total Revenues (Last Five Years)
  - \$527,484
- Reimbursed Patent Costs from Licensees
  - \$731,696

## **Economic Development and Business Assistance Programs at Montana State University-Bozeman**

Montana State University contributes to the Montana economy in at least four major ways. These are:

- Business and Manufacturing Assistance
- Workforce Development
- Technology Transfer of Discoveries Made at MSU
- Industry within the University

### **Business and Manufacturing Assistance**

- The Montana Manufacturing Extension Center (MMEC). MMEC directly provides hands-on, professional extension services to Montana's 2,350 manufacturers that generate more than \$5 billion in sales annually. MMEC's mission is to help Montana manufacturers be more successful using direct, unbiased engineering and managerial assistance in partnership with public and private resources. MMEC has completed 1058 projects and served 522 companies in 47 of Montana's 56 counties.
- Small Business Innovative Research (SBIR) Assistance. In early 1999, the Montana University System initiated an SBIR Phase 0 program to assist Montana businesses in obtaining SBIR grants. Funding was provided to enable the companies to develop and submit a final proposal, and to interact with federal agency-based program managers. In 2000, management of the Phase 0 program was transferred to MSU TechLink because of its many ties to Montana businesses and to complement a U.S. Department of Defense (DoD) SBIR outreach program initiated by TechLink in that year. The Phase 0 program has since been replaced with the SBIR Partnerships Development Program, designed to encourage partnering between Montana businesses and university researchers for Phase I proposals, and a Phase 1.5 program emphasizing commercialization planning to enhance Phase II and future business success. About one-third of the companies applying for Phase I SBIRs under the Partnerships Development Program have won awards while more than two-thirds of those applying for Phase II SBIR under the Phase 1.5 program have succeeded. These programs complement and enhance the current state SBIR Phase 0 program and have proven highly successful in increasing DoD SBIR awards to Montana and the region.
- MSU TechLink Center. TechLink helps Montana companies to develop and commercialize cutting edge new technology. To date, it has assisted 140 Montana companies. Major accomplishments include the following:
  - Helping companies find advanced technology solutions. TechLink has helped 82 Montana companies to gain access to advanced NASA or DoD technology, technical capabilities, or funding through establishment of partnerships with NASA and DoD labs.
  - Helping companies obtain SBIR and other federal R&D funding. TechLink has helped 38 Montana companies secure nearly \$21 million in federal contracts and funding for new technology development.

- Providing seed grants for technology development. TechLink has provided seed grants or matching funds totaling \$1.7 million to more than 75 Montana companies to assist in development or commercialization of advanced new technologies.
- Creating new, high-tech businesses. TechLink has helped to create 12 new high-tech businesses in Montana during the past three years, 10 in partnership with our affiliated incubator, TechRanch.
- MilTech Extension. MilTech Extension is a partnership between MSU TechLink and the MMEC, established in 2004, which helps Montana companies to get contracts from the DoD for new technology and also to scale up to manufacture this technology more quickly and cost-effectively. This pilot program is helping Montana companies to participate much more actively in defense contracting. To date, MilTech has assisted eight different Montana companies in substantial ways.
- University/Industry Partnerships. MSU works directly with more than 230 Montana companies, which make and sell products ranging from high-tech lasers to portable environmental toilets. The types of partnerships include student internships, joint university/industry research and the utilization of university facilities and equipment.
- Bozeman TechRanch. TechRanch, the Entrepreneurial Capital of Montana, works with start-up technology ventures that develop software, Internet, life sciences, and environmental technologies. TechRanch is nationally recognized among leading venture capital firms, innovation centers, incubators, and universities. Its goal is to provide the best environment and create value for entrepreneurs to catalyze the successful growth of technology-based companies in Montana. TechRanch is an enabling force in economic development in the State, helping to create high quality, high paying jobs in Montana; which increases the State's tax base. Since opening in 2001, TechRanch has executed 37 formal engagements with 37 different entrepreneurs who have launched 37 new start-ups. Seventeen of those companies are still alive and well. Those 17 companies currently employ 150 people.
- Assistance to Agricultural Producers. MSU is highly committed to assisting the agricultural producers of the state of Montana. The Montana Agricultural Experiment Station (MAES) network as well as the Extension Service (ES) network offers highly sophisticated solutions to agricultural problems facing the state. The MAES and ES faculty and staff are dedicated to bringing state-of-the-art technologies including sophisticated genomics and geographical analysis to assisting Montana's agricultural producers.
- Centers that Work Directly with Montana Companies. Examples include:
  - The Center for Biofilm Engineering
  - The Center for the Study of Life in Extreme Environments
  - The Optical Technology Center
  - The Spectrum Lab
  - The Center for Entrepreneurship for the New West
  - Image and Chemical Analysis Laboratory

## Workforce Development

- Direct Support of Students. MSU expends in excess of \$8 million annually for direct support of students engaged in research.
- Undergraduate Research Experiences. Hundreds of MSU undergraduate students gain valuable experiences through the Undergraduate Scholars Program and other federal agency funded Research Experiences for Undergraduates. These experiences are directly applicable to the students' future employment.
- Internships. More than 300 undergraduate students were involved in internships last year. We receive comments from many companies that engage our students in internships regarding how well they are prepared. Many of these internships lead to permanent employment with the company after graduation.
- State-of-the-Art Equipment. Student utilization of state-of the-art equipment, e.g. confocal microscopes, NMR, fluorescence activated cell sorters, and DNA sequencers ensure that MSU students are ready for the workforce in high-tech science and engineering business when they graduate.

## Technology Transfer of Discoveries Made at MSU.

Discoveries made at MSU can either be licensed to companies who can commercialize the technology, or be publicly released to the citizens of the state for their economic benefit. The latter approach is the usual route for release of improved crop varieties with enhanced yield bringing greater return to Montana's agricultural producers. Regarding our licensing activities MSU currently has:

- Patents
  - 102 issued
  - 124 pending
- Plant Variety Protection
  - 10 issued
  - 1 pending
- Licenses
  - 102 licenses/options
  - 67 of the 102 are with Montana companies

## Industry within the University

- Grants and contracts expenditures for last year exceeded **\$98 million** making MSU the state's leading research and development enterprise.
- Approximately two-thirds of this amount (**\$66 million**) is expended for salaries, making the research activities of the campus one of the state's leading employers.

## Montana Companies Assisted by Collaboration with MSU

	Company Name	MT City	Business Area
1	911 Dispatcher	Bozeman	Emergency Services
2	AAC (Advanced Acoustic Concepts)	Bozeman	Software Engineering & Systems Integration
3	A & S Tribal Industries	Poplar	Aerospace/Metal Materials Manufacturing
4	A4S	Kalispell	Electronics & Security Technology
5	Absolute Closure Technologies	Bozeman	Recreational Products
6	Advanced Materials Technology	Bozeman	Advanced Materials
7	Advanced Silicon Materials	Butte	Advanced Materials
8	AdvR	Bozeman	Laser Technology
9	AFRL/MLQ	Great Falls	Aerospace
10	Aircraft Finishing Systems	Missoula	Aerospace/Aviation Products
11	Allied Engineering	Helena	Engineering
12	Alphacon	Bozeman	Laser Technology
13	Amazing Grains	Malta	Agricultural Technology
14	American Chemet	East Helena	Mining
15	American Eagle Technologies	Missoula	Medical Instrumentation
16	Anaconda Electronics	Anaconda	Electromechanical Systems
17	Anasphere, Inc.	Bozeman	Atmospheric Sensors/Instrumentation
18	AquilaVision	Missoula	Remote Sensing
19	Aquoneering	Laurel	Engineering
20	Arcbuckle Ranch	Billings	Agricultural Technology
21	Arcomac Surface Engineering	Bozeman	Advanced Coatings
22	ASiMi	Butte	Advanced Materials Production
23	Aver Ingenuity	Bozeman	Media Production
24	Bacterin	Bozeman	Microbiology
25	Beartooth Mountain Press	Bozeman	Publishing
26	BeeAlert Technology	Missoula	Biosensors
27	Big Sky Economic Dev. Auth.	Billings	Economic Development
28	Big Sky Laser Tech. Inc.	Bozeman	Laser Technology/Photonics/Sensors
29	Big Sky Wholesale Seed	Shelby	Seed Technologies
30	BioFilm Institute	Bozeman	Biomed/Biotech
31	Biological Virus Screening	Stevensville	Biological research services
32	BioResources	Bozeman	Microbiology
33	BioScience Laboratories	Bozeman	Clinical Trials
34	Bio-Septic Systems	Missoula	Waste Water Technologies
35	BioSurface Technologies Corporation	Bozeman	Biofilm Measurement Devices/Photonics/Sensors
36	Bison Engineering	Helena	Environmental Engineering
37	Bitterroot Restoration	Corvallis	Environmental/Remediation Technologies
38	Black Dog Films/Laulima	Bozeman	Video Production
39	Bozeman Back & Neck Clinic	Bozeman	Chiropractic Clinic
40	Bozeman Biotech	Bozeman	Seed & Gardening Technologies



41	Bozeman Urological Associates	Bozeman	Biomed/Biotech
42	Bridger Biomed	Bozeman	Biomedical Implants
43	Bridger Bowl	Bozeman	Ski Area
44	Bridger Engineers	Bozeman	Engineering
45	Bridger Geological Service	Helena	GIS Mapping & Land Management
46	Bridger Systems	Bozeman	Software Development
47	Bridger Technologies, Inc.	Bozeman	Biotechnology
48	BrightSun	Billings	Safety Equipment
49	Bureau of Bus. & Econ. Research	Missoula	Environmental
50	Busch, Chris Dr.	Ronan	Administrative
51	Cairns, Doug	Bozeman	Administrative
52	Center for Innovation	Butte	Biotechnology/Bioremediation
53	ChronoChrome	Missoula	Electronics & Communications
54	Clear Creek Hydrology, Inc.	Bozeman	Hydraulics/Hydrology
55	CM Manufacturing, Inc.	Missoula	Aerospace Products for Aircraft
56	Connexa	Bozeman	Software Development
57	Core Motion	Ronan	Electronics
58	Cygnus	Bozeman	Recreational Products
59	Cytergy	Bozeman	Science Education/Internet Based Training
60	Decision Commerce Group	Billings	Software
61	Deden Technologies	Missoula	Health/Medical Equipment R&D
62	Department of Environmental Quality	Helena	State Agency
63	Dobeck Performance	Bozeman	Fuel-injection Parts
64	Dokken Software	Billings	Software Development
65	Dynojet Research, Inc.	Belgrade	Design for Engine Performance
66	E & PC Applied Biotechnology	Bozeman	Biotechnology
67	Earth Search Sciences	Kalispell	Remote Sensing
68	EchoTech Geophysical	Missoula	Geophysical Instruments
69	Economic Development Solutions	Billings	Internet-Based Services
70	Elder, Marti	Bozeman	Technology Transfer
71	Elk River Systems	Harlowton	Design and Printing Software
72	EngDesign	Bozeman	Graphic Design
73	EnviroZyme	Bozeman/Missoula	Biotechnology
74	Eureka Technologies	Bozeman	Data Mining
75	Federal Technology Group	Bozeman	Economic Development
76	Fenton's Cleaning, Inc.	Livingston	Cleaning
77	Fish Technology Center	Bozeman	Fish Technology
78	Fluidyne, Inc.	Bozeman	Engineering
79	Fountainhead LLC	Bozeman	Health & Safety Device Development
80	Fractor Technologies	Bozeman	Control System Solutions
81	Gallatin Development Corp.	Bozeman	Economic Development

82	Garden City Fungi	Missoula	Agricultural Technology
83	GCS Research	Missoula	Geographic Communication Systems
84	General Intelligence Corporation	Bozeman	Software Development
85	General Mills	Great Falls	Wheat Technologies
86	GeoResearch	Billings	GIS Mapping & Land Management
87	Gibson, Susan K.	Bozeman	Medical Software
88	Golden Helix, Inc.	Bozeman	Medical Informatics
89	Goose Meadow Engineering	Bozeman	Advanced Materials
90	Greater Northern Growers	Sunburst	Agriculture
91	Grizzly Discovery Center	West Yellowstone	Zoo
92	Headwaters Composites	Three Forks	Structural Advanced Materials
93	Heartland Seed Company	Moccasin	Seed Technologies
94	Hobish, Mitchell K.	Manhattan	Technical Writing
95	Hydrometrics, Inc.	Helena	Environmental Technologies
96	Hylitech	Bozeman	Hardware Solutions/Electronic Instruments
97	HyPerspectives	Bozeman	Remote Sensing
98	ILX Lightwave	Bozeman	Laser & Optical Instrumentation
99	Image Lab International	Bozeman	Machine Vision Engineering
100	Improved Performance Group	Gallatin Gateway	Consultants
101	InfoGears, Inc.	Bozeman	Electronics/Telecom
102	Informed Bioscience	Bozeman	Biotech
103	Innovative Solutions & Technologies, LLC	Bozeman	Electronic Devices
104	Integrated Engineering Systems	Bozeman	Software
105	Integrated GeoScience	Helena	Software & Advance Image Processing
106	Interfluve	Bozeman	Water Resource Management & Restoration
107	Java Engineering	Bozeman	Software & IT
108	LabLinks	Townsend	Software
109	Lake County Community Development Center	Ronan	Food Processing
110	Land & Water	Missoula	Environmental Technologies
111	Land EKG	Bozeman	Agricultural Technology
112	Lattice	Bozeman	Laser & Optical Instrumentation
113	Life Resonance, Inc.	Bozeman	Medical Devices
114	Ligocyte Pharmaceuticals	Bozeman	Biomed/Biotech [Pharmaceutical R & D]
115	Maxim Technologies	Bozeman	Geology
116	MCS Environmental	Missoula	Environmental Technologies
117	Med Intel	Helena	Pharmaceutical Research & Development
118	Microbion Corporation	Bozeman	Biotech
119	MicroLab	Bozeman	Biotech
120	MicroPowder Solutions	Missoula	Advanced Materials
121	Midwest Technologies	Bozeman	Precision Ag Products
122	Montana Biotech Corp.	Bozeman	Biotech

123	Montana Legend	Red Lodge	Natural Beef Production and Processing
124	Montana Microbial Products	Missoula	Biomed/Biotechnologies
125	Montana Microbiological Services	Bozeman	Biotech
126	Montana Turfgrass Technologies	Bozeman	Turfgrass Technologies
127	Montec Associates	Butte	Advanced Materials & Processes Development
128	Montola Growers Inc.	Culbertson	Safflower Technologies
129	Morrison-Maierle	Bozeman, Helena, Missoula	Civil Engineering
130	MorTech	Missoula	Medical Devices Exporting
131	Mosdal Scale Systems	Broadview	Agricultural Equipment
132	Mountain Pacific Quality Health Foundation	Helena	Quality Auditor for Health Care Providers
133	Mountain Works Software	Bozeman	Software Development
134	MPA Technologies	Bozeman	Photonics Technologies
135	MSE Technology Applications, Inc.	Butte	Advanced Technology Development
136	MT Tradeport Authority	Billings	Economic Development
137	MT World Trade Center	Missoula	Economic Development
138	MycoTech	Butte	Fungal Technologies
139	Naberhaus, Thomas	Belgrade	Software & IT
140	NanoMed Technologies LLC	Bozeman	Biomedical Technologies
141	Nature Biotech	Missoula	Oat Technologies
142	Neptune Aviation Services, Inc.	Missoula	Aviation Products
143	Nervonix	Bozeman	Nerve Sensors
144	Network Data Security, Inc.	Missoula	Computer Software
145	Neurogenic Technologies, Inc.	Missoula	Biomedical Instruments
146	New Horizon Technologies	Butte	Environmental/Energy Technologies
147	New Wave Research	Bozeman	Laser Technology
148	Norion	Bozeman	Immunology
149	Northwest Software Systems	Kalispell	Communications Security
150	Northwestern Energy	Bozeman	Power Company
151	Nuture Biotech	Missoula	Oat Technologies
152	O'Berry Cavanaugh, LLC	Bozeman	Administrative
153	OFC Consulting, LLC	Bozeman	Consultants
154	Opitz, Dr. David	Missoula	Administrative
155	Palmquist Creative	Bozeman	Graphic Design
156	Parvis, Inc.	Bozeman	Internet-based Language Learning
157	Pathway Systems Inc.	Belgrade	Microelectronics Handling/Cleaning Systems
158	PermaPole, Inc.	Bozeman	Advanced Materials Product Development
159	PFM Manufacturing, Inc.	Townsend	All Terrain Vehicles
160	Phoenix Research	Bozeman	Laser and Optics
161	Phillips Environmental	Belgrade	Portable Toilets

162	Positive Systems	Whitefish	Software & Aerial Remote Sensing
163	Precision Agricultural Research Association	Montana	Precision Ag Technologies
164	Precision Lift, Inc.	Monarch	Aerospace/Helicopter Utilities
165	Printing For Less	Livingston	Printing
166	Promiliad Biopharma, Inc.	Alberton	Biotech/Biomed
167	Purity Systems	Missoula	Mining/Environmental Solid Adsorbents
168	Quake Industries	Belgrade	Plastics
169	Quality Time Montana	Bozeman	Quality Consulting
170	Red Oxx Manufacturing Inc.	Billings	Advanced Materials/High Performance Luggage
171	Resodyn Corporation	Butte	R&D Commercialization
172	Resonon, Inc.	Bozeman	Laser Technologies
173	Revelation Engineering	Bozeman	Engineering/Electronics
174	Ripple Marketing, LLC	Bozeman	Marketing
175	Rocky Mountain Adaptive Software	Missoula	Software Development
176	Rocky Mountain Laboratories	Hamilton	Infectious Disease Microbe Research
177	Rocky Mountain Trade Corridor	Jefferson City	Economic Development
178	S&K Electronics	Ronan	Electronics/Telecom
179	Safflower Technologies International	Sydney	Safflower Technologies
180	Salient Technologies	Bozeman	Mechanical Engineering Innovations
181	Schafer & Associates	Bozeman	Engineering
182	Scientific Materials Corp.	Bozeman	Advanced Laser Materials
183	Secure NN Technologies	Helena	Computer Security
184	Seed Source	Townsend	Seed Varieties
185	SensoPath Technologies	Bozeman	Biomedical Technologies
186	SGM Biotech	Bozeman	Medical Devices
187	Simms, Inc.	Bozeman	Fishing Products
188	Skylark Technology	Glasgow	Software Development
189	Sleeping Buffalo Hot Springs	Saco	Hot Springs
190	Smurfit-Stone Container	Missoula	Paper/Box Manufacturing
191	Sonju Industrial	Kalispell	Aerospace
192	Space Science & Engineering Lab (SSEL)	Bozeman	Space Research & Technologies
193	Spatial Systems	Billings	GIS Mapping & Land Management
194	Specialty Biopolymers Corporation	Bozeman	Advanced Biomaterials
195	Specialty Surgical Products, Inc.	Victor	Medical Products
196	Spectec, Inc.	Emigrant	Aerospace Equipment Manufacturing
197	SRS Crisafulli, Inc.	Glendive	Industrial Pumps, Dredging & Treatment Systems
198	Sterile-Safe	Helena	Sterilization Technologies
199	Strategicom, Inc.	Bozeman	PR Consulting
200	StrategixID	Bozeman	Technology Utilization

201	STS Polymers	Bozeman	Polymer Technologies
202	Summit Aeronautics Group	Helena	Aerospace Tooling
203	Sunburst Sensors LLC	Missoula	Photonics/Sensors
204	Sustainable Systems	Missoula	Bio-Based Fuels
205	Technology Venture Center, Inc.	Bozeman	Economic Development
206	Tetra Tech	Helena	Environmental Engineering
207	TEXBase, Inc.	Bozeman	Software/Textile Research & Development
208	THI Riverworks	Livingston	Environmental Remediation & River Restoration
209	Thomas, Dean, & Hoskins	Bozeman, Great Falls	Engineering
210	Timberline Tool	Whitefish	Utility Industry Tooling
211	Timeless Seeds	Conrad	Seed Technologies
212	Tony Verna Enterprises, LLC	Bozeman	Electronics Communication
213	TransAria, Inc.	Bozeman	Communications
214	TransWESTtech, Inc.	Bozeman	Ag-Based Pharmaceutical Development
215	Triangle Ag Services	Ft. Benton	Precision Ag Technologies
216	Trout Headwaters Inc.	Livingston	Environmental Remediation /River Restoration
217	Turfgrass Technologies	Big Sky	Turfgrass Technologies
218	Turner Enterprises	Bozeman	Manage Ted Turner's Private Landholdings
219	TVX Mineral Hill Mine	Jardine	Mining
220	Veridical Research & Design	Bozeman	Human Factors Research & Development
221	Vision 1	Bozeman	Communications
222	Visual Learning Systems	Missoula	Software Image Processing
223	Wavelength Electronics	Bozeman	Laser Diodes and Temperature Controllers
224	WeldWorks, Inc.	Livingston	Welding Technology
225	Western Biologics	Belgrade	Value-Added Ag Products
226	Western Montana Engineering	Butte	Engineering
227	WestBred, Inc.	Four Corners	Agricultural/Seed Technology
228	Yellowstone Ecological Research Center	Bozeman	Environmental Resource Management
229	Yellowstone Ecosystem Studies	Bozeman	Environmental Resource Management
230	YES Technologies	Bozeman	Biotech, Software, & Mining Techs
231	Zdye LLC	Gallatin Gateway	Protein Mapping
232	Zoot Enterprises, Inc.	Bozeman	Finance/Software for Banking Industry