

# Discovery: Changing the World with Your Intellectual Property

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2008 Nebraska Research & Innovation Forum

“Partnerships for Research Collaboration & Technology Transfer”

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# Creighton's Intellectual Resources Management Formed

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- In April 2008, the Office of Technology Transfer became Intellectual Resources Management
- The mission of our office changed to add business services to our menu of activities.
  1. adopt a “knowledge transfer strategy” in keeping with future directions in our industry.
  2. to improve chances for business start-up success.
  3. to train business owners and managers.

# Technology Transfer Services: Research

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- Most technologies we see are not quite ready for prime time...early stage...basic research.
- First order is to identify research funding to get at least to proof of concept.
- Licenses usually result from the research funding.
- Highly specialized medical/biotech discoveries typically have a limited base of interest, usually less than a dozen possible commercial partners.

# Technology Transfer Services: Start-Up Companies

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Company	Funding Source
Nature Technology Corporation	Product Sales, Grants
CareerXplorer International	Product Sales
SafeStitch Medical Devices	Venture Capital
Shenogen	Venture Capital

# Business Services: Expert Solutions / Problem Solving

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- Faculty Experts are assigned to solve particular problems facing a business.
- Problems may be technical in nature, like chemical process yields, testing theories, making genetic constructs, etc.
- Entrepreneurial Business problems may also be addressed. Creighton's Entrepreneurship Center specializes in social entrepreneurship.

# Business Services: Contract Research

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- Highly specialized equipment may not be feasible for small companies
- Creighton researchers design & conduct research projects for business
- Intellectual property may belong to the contracting company
- Core Facilities available throughout Nebraska
  - State-funded Cores
  - University-funded Cores

## Business Services: Student Interns

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- Student interns are available for businesses in a variety of fields & in paid and unpaid (for credit) positions.
- IRM utilizes MBA students, typically in for-credit, unpaid mode.
- Nebraska EPSCoR has a program to reimburse up to half of the cost for Nebraska companies.

# Business Services: Entrepreneurship Training

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- Bioscience Entrepreneurship Program launched Spring 2008 Semester
  - Funded by National Science Foundation Partnerships for Innovation program.
  - Purpose: Training biotech management.
  - Students selected from Business, Law and Medical Schools.
  - Program focuses on understanding the complex interaction of multiple disciplines necessary to bring biotech product to market.

# Business Services: Entrepreneurship Conferences

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- IRM hosted 2<sup>nd</sup> Annual Entrepreneurship Conference in September at Embassy Suites, Omaha.
- Goal to provide a blueprint of every major decision-making area for people starting businesses in Nebraska and surrounding states.

# Business Services: Consulting

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- Projects are being referred to IRM from many sources.
- Our goal is to at least help entrepreneurs get the help they need.
- Nebraska Business Development Center has been very helpful, especially in assisting with the SBIR and STTR programs.
- Network of private business consultants.

# Contact Information

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