


# I-Teams Global Project Form

	<b>Project Name:</b>  <b>Personal Chemistry System:          Revolutionizing the Chemical          Lab</b>	<b>Project Manager:</b>  Dr. Klavs Jensen  <b>Sponsor:</b>  Deshpande Center North Bridge Venture Partners	<b>Revision: Draft 1.0</b>   <b>Date: 1-26-04</b>
<b>Project Description</b>		<b>Strategy and Resources</b>	
<p><b>Strategy:</b></p> <p>The potential for greatly improving the sophistication and productivity of present-day chemistry laboratories represents a ripe market opportunity. This project aims to seize that opportunity by developing a personal chemistry system.</p> <p>The idea is to transform the classical chemical lab, with its batch wise synthesis and analysis, into a compact personal chemistry system capable of rapid, continuous discovery and development of new products in pharmaceutical, fragrance, advanced materials, and specialty chemicals industries with less use of resources and generation of waste. The system employs integrated microchemical systems that require less space, are easier to vent, use fewer utilities, produce less waste, and are in some ways safer than synthesis setups in chemical fume hoods. They also allow high throughput experimentation. The project's prototype would have the potential to revolutionize chemical research and development.</p> <p><b>Project Goals: (Please outline objectives here)</b></p> <p>The student team will conduct an analysis of the target markets, competitors, and business structure. In particular, the team will research trends in the robotization of laboratory chemistry and drug discovery and compare this technology with technologies of other microchemical system companies (Symyx, etc.). Based on their findings, the team will develop a business plan in order to seek funding for a new venture.</p>		<p><b>Resources (current team members): [Names, roles, responsibilities]</b></p> <p>Dr. Klavs Jensen, Principal Investigator          James Goldstein, Catalyst          Dr. Martin Schmidt, Faculty Collaborator          Jerome Meir, Private Consultant</p> <p><b>Resources (needed): [Roles, Skill-sets, Interest/Motivation]</b></p> <p>Ideal candidates will have a BS degree in Chemistry, Chemical Engineering, or Mechanical Engineering and will currently be pursuing an MBA or advanced engineering degree. Candidates will bring either professional or prior research experience in a pharmaceutical, fragrance, advanced materials, specialty chemicals, or laboratory instrument company.</p>	

# I-Teams Global Project Form

<p><b>Stakeholders:</b></p> <ul style="list-style-type: none"><li>- Deshpande Center</li><li>- MIT VCPE</li><li>- Dr. Klavs Jensen</li><li>- James Goldstein, North Bridge Venture Partners</li><li>- Dr. Martin Schmidt</li></ul>	<p><b>Project Stage:</b></p> <p><input type="checkbox"/> <u>Ready for market (start company less than 1 year)</u> Team is well under way and has potential customers (ready to start a company)</p> <p><input checked="" type="checkbox"/> <u>Ready for market with some effort (1-2 years)</u> Prototype in progress and still looking for customers/markets</p> <p><input type="checkbox"/> <u>Long-term research (more than 2 years)</u> Exploring: need business plan</p> <p><b>Milestones: (Please outline goals and approximate dates)</b></p> <p>Business Plan to be completed by end of semester.</p>
--	---