Working together, this partnership between Purdue and Indiana universities offers extraordinary benefits. Here are a few:

**Helping the state's economy**
- With a strong base in the bio and life sciences field in Indiana, the Alliance will make the state a world leader.
- The Alliance will bring needed and higher paying jobs to Indiana during an economic downturn.
- The Alliance will spur private and corporate investment in the state.
- Research and private-sector growth will keep bright minds in the state and attract sharp minds to the state.
- The bonds between the state's two largest universities and the business sector will increase.
- The financial support provided by the Alliance will make it possible for researchers and research managers to use IU and Purdue facilities at reasonable cost, making Indiana highly attractive as a “place to go” for companies and scientists who need these capabilities.
- New businesses and jobs could spur community revitalizations.
- Business development will help Indiana's tax base.
- If the state makes this investment, other investors across the United States will be more inclined to come to Indiana and make their own investments in the life sciences.
- The BioCrossroadsLINX report of January 2008 suggests that the state could capture significant external contracts with some of the nation's 1,100 bioscience companies, particularly those in pharmaceutical development. Such companies are growing at a rate of 14-16 percent.

**Cutting-edge research**
- Businesses are outsourcing their research more than ever before, and they're looking to universities. This trend in outsourcing is growing 15 percent annually in a $14 billion market. This can lead to more investments in Indiana's universities; therefore, more investments in the state, provided proper infrastructure is in place to accommodate it.
- Alliance will serve as a catalyst to increase the state's capacity for cutting-edge research and developing university and business partnerships.
- Research opportunities and cutting-edge technology will attract top faculty and researchers to the state.
- State will receive more national research funding. This will mean more jobs.

**Improving state health, reducing cost**
- Indiana currently ranks 32nd among the 50 states in the health of its people. A focus of the Alliance will be on disease prevention, thus reducing health-care costs for companies and organizations. This will make health care more accessible and affordable in the state.
- State agencies and the IU School of Medicine have acknowledged the need for a 30 percent enrollment increase to ensure the state will have enough physicians to meet its citizens' needs. Through the alliance, IU will increase class size at its eight medical
Talking About the Alliance’s Impact

centers around the state and add the third and fourth years of medical education at selected sites.
• IU’s medical centers will grow and evolve to address primary care and economic development needs in the state.
• Purdue will expand postgraduate pharmacy residency training to establish new residencies. This will keep more pharmacy graduates in Indiana and improve the health-care outcomes for state residents.
• Purdue will create a Biomedical Engineering Specialization Certificate and a master’s program targeting working engineers and scientists charged with developing creative solutions to the most difficult problems in medicine.
• Purdue Technical Assistance Program will launch a statewide effort to help companies control health-care costs. The effort first will assess employer health-care-related data and obtain employee perceptions of their health and recommendations for improvement. The initiative then will provide employee intervention and training. The program will reach 10,000-20,000 people each year and eventually every Indiana county.

Winning partnerships
• Expanded programs at IU and Purdue, combined with anticipated job opportunities in bio and life sciences in the state, will attract top students. As IU expands its medical education program, Purdue will expand its biotechnology, bioengineering, pharmaceutical education and Healthcare Technical Assistance Program.
• Alliance matching funds will be used to provide cost sharing on large-scale proposals to federal agencies, industry and foundations where matching funds from applicants are routinely expected.
• Purdue and IU facilities will be cooperatively developed and managed by the universities under the auspices of the Alliance, and their capabilities will be available to any public or private university or corporate research group in Indiana.
• The coordinated capabilities of Purdue and IU’s core facilities will promote interdisciplinary teams of scientists and engineers from academia and industry to tackle critical challenges in the biosciences and health-care industries with the potential for global impact.