Center for X-Ray Imaging

Dr. Larry Knight/Brigham Young University/Provo, Utah

Overview		*Technologies*	*Status*	*Economic Impact*
Current State Contract	*$100,000*	**Atomic Layer Epitaxy (ALE)*	**Spin-off company MOXTEK created with 8 jobs & sales of $400K to date*	**MOXTEK has received four Phase I SBIR grants and one Phase II SBIR*
Matching Funds	*$810,466*	**MultiLayer X-ray Optics*	**10 years of experience in a difficult research area. Have become leaders with little or no competition*	**Near term market for large & small X-ray windows is $6 million annually*
Cumulative	*$1,330,555*	**Leading edge technology in X-ray imaging*	**Can create multi-layer reflectors with film thicknesses between 3 and 20A*	**$100 million markets possible in medical & non-destructive testing areas*
Industry Jobs Created	*8*	**X-ray laser technology*		**MOXTEK negotiating with venture capital companies for expansion*
Center Related Jobs	*24*	**Thin film technology and diagnostics*		
Benefiting Utah Companies				
MOXTEK				
Patents Applied	*5*			
Patents Issued	*3*			
License Agreements	*1*			