

**Calendar Year 2014 Ohio Third Frontier Technology Validation and Start-up Fund
Cycle 7 Phase 1 Proposals Received**

| Proposal # | Lead Applicant | Title | State Funds Requested | Total Budget |
|------------|---|---|-----------------------|--------------|
| 14-501 | Cincinnati Children's Hospital Medical Center | Human Assisted Needle Delivery System | \$50,000 | \$100,000 |
| 14-502 | University of Akron | Rare-Earth-Material-Free Multiphase Electric Machine (FMEM) for Low Power Applications | \$50,000 | \$100,000 |
| 14-503 | University of Akron | Integrated Imaging Goggles for Guiding Basal-cell Carcinoma Surgeries | \$50,000 | \$100,000 |
| 14-504 | University of Akron | Transparent Conductive Coating for Flexible Electronics | \$50,000 | \$100,000 |
| 14-505 | University of Toledo | Ring-closing metathesis approach for conversion of oleic acid to Nylon 11-13 | \$50,000 | \$100,000 |
| 14-506 | University of Toledo | Injectable Macroporous Bone Growth Substitute | \$50,000 | \$100,000 |
| 14-507 | Kent State University | Low-Cost Electrically Tunable Color Filter with Wide Tuning Range | \$50,000 | \$100,000 |
| 14-508 | Case Western Reserve University | NeuroRadVision™: Decision Support Toolkit to reduce unnecessary surgical interventions for brain tumors | \$50,000 | \$100,000 |
| 14-509 | Kent State University | Polarizing Waveguide Plate for Liquid Crystal Displays | \$50,000 | \$100,000 |
| 14-510 | University of Akron | Additively Manufactured Prosthetic Socket Cooling System | \$50,000 | \$100,000 |
| 14-511 | University of Akron | Active clamp injection technology for health-monitoring of electric conducting cables | \$49,349 | \$98,698 |
| 14-512 | Kent State University | Bistable Light Modulator for Light Extraction in OLED Device Applications | \$50,000 | \$100,000 |
| 14-513 | Ohio University | Intelligence for Diabetes Support System (I4DSS) | \$50,000 | \$100,000 |
| 14-514 | The Cleveland Clinic Foundation | Bronchial Stent | \$50,000 | \$100,000 |
| 14-515 | University of Akron | Akron Fast Fourier Transform (FFT) | \$50,000 | \$100,000 |
| 14-516 | The Cleveland Clinic Foundation | Autism Spectrum Disorder | \$50,000 | \$100,000 |
| 14-517 | The Cleveland Clinic Foundation | Sleep Apnea | \$50,000 | \$100,000 |
| 14-518 | The Ohio State University | KAir Battery | \$50,000 | \$100,000 |

**Calendar Year 2014 Ohio Third Frontier Technology Validation and Start-up Fund
Cycle 7 Phase 2 Proposals Received**

| Proposal # | Lead Applicant | Licensing Institution | Proposal Title | State Funds Requested | Total Project Budget |
|------------|--------------------------------|---------------------------------|---|-----------------------|----------------------|
| 14-519 | Intellirod Spine | Cleveland Clinic Foundation | Wireless Spine Load Sensor | \$100,000 | \$232,600 |
| 14-520 | Miach Medical Innovation, Inc. | Case Western Reserve University | Novel, Cost-effective, Smart Feeding Tubes | \$100,000 | \$120,000 |
| 14-521 | iRxReminder LLC | Kent State University | iLidRx: Interoperating Medication Container for mHealth Management of Chronic Illnesses | \$100,000 | \$200,000 |
| 14-522 | Akron Ascent Innovations LLC | University of Akron | Bio-Inspired Reusable Adhesives Using Scalable Electrospinning Techniques | \$100,000 | \$100,000 |
| 14-523 | Cratus, LLC | University of Akron | Ultra High Energy Density Nanocomposite Capacitor | \$100,000 | \$200,000 |
| 14-524 | QuTel, Inc. | Ohio State University | Quantum Tunneling Electronics for Ultra-Low Power Electronics | \$100,000 | \$100,000 |
| 14-525 | OsteoNovus, Inc. | University of Toledo | Improving Bone Graft Technology | \$100,000 | \$110,000 |
| 14-526 | SportSafe LLC | Cleveland Clinic Foundation | Intelligent Mouthguards for concussion monitoring and injury prevention in youth and adult contact sports | \$100,000 | \$364,179 |
| 14-527 | Rekovo, LLC | The Ohio State University | Synaptic Arts | \$100,000 | \$100,000 |
| 14-528 | Xanthostat Diagnostics, Inc. | University of Cincinnati | Billstat™ I Clinical Trial | \$100,000 | \$111,000 |