## Stricken language would be deleted from and underlined language would be added to the law as it existed prior to this session of the General Assembly.

| 1  | State of Arkansas   | As Engrossed: H3/12/07                     |                     |  |
|----|---|--|---------------------|--|
| 2  | 86th General Assembly   | A Bill                                     |                     |  |
| 3  | Regular Session, 2007   |  | HOUSE BILL 2413     |  |
| 4  |   |  |                     |  |
| 5  | By: Representatives Dickinson, Abernathy, Allen, Berry, Cooper, Davenport, Dunn, L. Evans, Everett, |  |                     |  |
| 6  | George, Jeffrey, Kenney, Medley, Norton, Reep, Rosenbaum, Sample, L. Smith, Wills                   |  |                     |  |
| 7  | By: Senators B. Johnson, Altes, A   | Argue, Broadway, Bryles, Baker, Trusty, Ma | lone, Madison       |  |
| 8  |   |  |                     |  |
| 9  |   |  |                     |  |
| 10 | For An Act To Be Entitled   |  |                     |  |
| 11 | AN ACT TO   | AUTHORIZE THE ARKANSAS SCIENCE A           | ND                  |  |
| 12 | TECHNOLOGY  | AUTHORITY TO SUPPORT AN ALLIANC            | E OF                |  |
| 13 | RESEARCH U  | NIVERSITIES, CHANCELLORS AND               |                     |  |
| 14 | PRESIDENTS  | , AND REPRESENTATIVES OF THE PRI           | VATE                |  |
| 15 | BUSINESS S  | ECTOR FOR THE PURPOSE OF CREATING          | G JOBS,             |  |
| 16 | INCREASING  | RESEARCH, AND ENCOURAGING ECONO            | MIC                 |  |
| 17 | DEVELOPMEN  | T; AND FOR OTHER PURPOSES.                 |                     |  |
| 18 |   |  |                     |  |
| 19 |   | Subtitle                                   |                     |  |
| 20 | AN ACT  | TO AUTHORIZE THE ARKANSAS SCIENCE          | Е                   |  |
| 21 | AND TEC   | HNOLOGY AUTHORITY TO SUPPORT A             |                     |  |
| 22 | RESEARC   | H ALLIANCE FOR THE PURPOSES OF             |                     |  |
| 23 | ECONOMI   | C DEVELOPMENT.                             |                     |  |
| 24 |   |  |                     |  |
| 25 |   |  |                     |  |
| 26 | BE IT ENACTED BY THE GENE   | ERAL ASSEMBLY OF THE STATE OF ARE          | KANSAS:             |  |
| 27 |   |  |                     |  |
| 28 | SECTION 1. Arkansa  | as Code Title 15, Chapter 3 is an          | nended to add an    |  |
| 29 | additional subchapter, as   | s follows:                                 |                     |  |
| 30 | <u>15-3-301. Title</u>  |  |                     |  |
| 31 | This act shall be h   | known and may be cited as the "An          | rkansas Research    |  |
| 32 | Alliance Act".  |  |                     |  |
| 33 |   |  |                     |  |
| 34 | 15-3-302. Legislat  | ive intent.                                |                     |  |
| 35 | The General Assembl   | ly finds:                                  |                     |  |
| 36 | (1) Economic  | growth and development in Arkar            | nsas in the twenty- |  |

| T  | first century are indisputably tied to the success of research centers and    |  |  |
|----|---|--|--|
| 2  | institutions in incubating high-tech industry;                                |  |  |
| 3  | (2) The critical success factors of research institutions are                 |  |  |
| 4  | available research infrastructure, talented senior researchers, suitable      |  |  |
| 5  | buildings, and effective equipment; and                                       |  |  |
| 6  | (3) Private sector leadership understands the market potential                |  |  |
| 7  | of research in economic development and the job-creating power of public-     |  |  |
| 8  | private collaboration.  |  |  |
| 9  |   |  |  |
| 10 | 15-3-303. Definitions.  |  |  |
| 11 | As used in this subchapter:   |  |  |
| 12 | (1) "Job creating research" means basic and applied laboratory                |  |  |
| 13 | research that may reasonably be expected to lead to the creation of           |  |  |
| 14 | knowledge-based and high-technology jobs in Arkansas;                         |  |  |
| 15 | (2) "Knowledge-based and high-technology jobs" means employment               |  |  |
| 16 | opportunities in positions that pay more than one and seventy-five one        |  |  |
| 17 | hundredths (1.75) times the average annual wage in the state according to the |  |  |
| 18 | most recent data available;   |  |  |
| 19 | (3) "Research alliance" means the collaborative functions of                  |  |  |
| 20 | research universities for the purpose of:                                     |  |  |
| 21 | (A) Enhancing research infrastructure;  |  |  |
| 22 | (B) Increasing the number of talented researchers at                          |  |  |
| 23 | research universities; and  |  |  |
| 24 | (C) Expanding knowledge-based and high-technology job-                        |  |  |
| 25 | creating research activities;   |  |  |
| 26 | (4) "Research infrastructure" means the equipment, buildings,                 |  |  |
| 27 | information technology connectivity, and software of research universities    |  |  |
| 28 | within which talented researchers conduct their work; and                     |  |  |
| 29 | (5) "Research university" means any university campus in Arkansas             |  |  |
| 30 | that receives significant federal funding of job-creating research.           |  |  |
| 31 |   |  |  |
| 32 | 15-3-304. Collaboration of Arkansas Science and Technology Authority          |  |  |
| 33 | with research universities and private business sector representatives.       |  |  |
| 34 | (a) The Arkansas Science and Technology Authority may work with the           |  |  |
| 35 | chancellors and presidents of research universities and the private business  |  |  |
| 36 | sector to support collaborations establishing an alliance for the purpose of  |  |  |

| 1  | improving the economy of the state through:                                 |  |  |
|----|---|--|--|
| 2  | (1) Improving research infrastructure;                                      |  |  |
| 3  | (2) Increasing the focus on job-creating research activities                |  |  |
| 4  | within or supported by the research universities; and                       |  |  |
| 5  | (3) Expanding job-creating research activities toward producing             |  |  |
| 6  | more knowledge-based and high-technology jobs in this state.                |  |  |
| 7  | (b) The authority shall designate no more than five (5) institutions        |  |  |
| 8  | of higher education as research universities for the purposes of this       |  |  |
| 9  | subchapter.   |  |  |
| 10 |   |  |  |
| 11 | 15-3-305. Areas of collaboration.   |  |  |
| 12 | The Arkansas Science and Technology Authority may recommend that a          |  |  |
| 13 | research alliance under this subchapter:                                    |  |  |
| 14 | (1) Identify specific areas where scientific research and                   |  |  |
| 15 | technological investigation may contribute to the creation and growth of    |  |  |
| 16 | knowledge-based and high-technology jobs in Arkansas;                       |  |  |
| 17 | (2) Determine specific areas in which financial investment in               |  |  |
| 18 | scientific and technological research and development from federal agencies |  |  |
| 19 | or private businesses located in Arkansas could be enhanced or increased if |  |  |
| 20 | state resources were made available to assist in financing research         |  |  |
| 21 | infrastructure;   |  |  |
| 22 | (3) Advise universities of the research needs of Arkansas                   |  |  |
| 23 | businesses and improve the exchange of scientific and technological         |  |  |
| 24 | information for the mutual benefit of universities and private businesses;  |  |  |
| 25 | (4) Encourage collaborations among scholars and faculty of                  |  |  |
| 26 | research universities in the areas of research identified by the alliance;  |  |  |
| 27 | (5)(A) Recommend state investments in research infrastructure.              |  |  |
| 28 | (B) In determining the recommendations for state                            |  |  |
| 29 | investments in research infrastructure, the alliance shall invite from      |  |  |
| 30 | research universities:  |  |  |
| 31 | (i) Assessments of the capabilities of the research                         |  |  |
| 32 | universities to seize research opportunities in the areas of research       |  |  |
| 33 | identified by the alliance; and   |  |  |
| 34 | (ii) Investments that would accelerate the creation                         |  |  |
| 35 | of economic opportunities for the citizens of the state;                    |  |  |
| 36 | (6) Certify investments in research infrastructure from the                 |  |  |

| 1  | Arkansas Research Infrastructure Fund; and                                    |  |  |
|----|---|--|--|
| 2  | (7) Monitor, in the specific areas identified by the alliance:                |  |  |
| 3  | (A) The growth in university research funding;                                |  |  |
| 4  | (B) Intellectual property creation;   |  |  |
| 5  | (C) Licensing of technology to entrepreneurial firms and                      |  |  |
| 6  | existing Arkansas companies;  |  |  |
| 7  | (D) Growth in venture capital investments in Arkansas; and                    |  |  |
| 8  | (E) Employment in knowledge-based and high-technology                         |  |  |
| 9  | employees.  |  |  |
| 10 |   |  |  |
| 11 | 15-3-306. Contracting with research alliance.                                 |  |  |
| 12 | (a) In order to assist a research alliance in achieving the objectives        |  |  |
| 13 | identified in § 15-3-305, the Arkansas Science and Technology Authority may   |  |  |
| 14 | contract with a research alliance or any non-profit organization recommended  |  |  |
| 15 | by a research alliance for activities consistent with the research alliance's |  |  |
| 16 | purpose under § 15-3-305  |  |  |
| 17 | (b) When contracting with the alliance or its designee under this             |  |  |
| 18 | subchapter, the authority may directly enter into agreements with persons or  |  |  |
| 19 | entities and shall not be bound by the provisions of Arkansas procurement law |  |  |
| 20 | requiring competitive bids.   |  |  |
| 21 |   |  |  |
| 22 | SECTION 2. Arkansas Code Title 19, Chapter 6, Subchapter 4 is amended         |  |  |
| 23 | to add an additional section to read as follows:                              |  |  |
| 24 | 19-6-500. Arkansas Research Infrastructure Fund.                              |  |  |
| 25 | (a) There is created on the books of the Treasurer of State, Auditor          |  |  |
| 26 | of State, and Chief Fiscal Officer of the State a special revenue fund to be  |  |  |
| 27 | known as the "Arkansas Research Infrastructure Fund".                         |  |  |
| 28 | (b) The fund shall consist of:  |  |  |
| 29 | (1) All moneys appropriated to it by the General Assembly; and                |  |  |
| 30 | (2) Any gifts, contributions, grants, or bequests received from               |  |  |
| 31 | federal, private, or other sources.   |  |  |
| 32 | (c) The fund shall be used by the Arkansas Science and Technology             |  |  |
| 33 | Authority for the purposes delineated under the Arkansas Research Alliance    |  |  |
| 34 | Act, § 15-3-301 et seq.   |  |  |
| 35 |   |  |  |
| 36 | /s/ Dickinson, et al  |  |  |