

SENATE STAFF ANALYSIS AND ECONOMIC IMPACT STATEMENT

(This document is based on the provisions contained in the legislation as of the latest date listed below.)

Prepared By: Health Care Committee

BILL: CS/SB 1826

INTRODUCER: Health Care Committee and Senators Saunders and Fasano

SUBJECT: Biomedical Research

DATE: March 16, 2006

REVISED: _____

	ANALYST	STAFF DIRECTOR	REFERENCE	ACTION
1.	<u>Bedford</u>	<u>Wilson</u>	<u>HE</u>	<u>Fav/CS</u>
2.	_____	_____	<u>ED</u>	_____
3.	_____	_____	<u>GE</u>	_____
4.	_____	_____	<u>HA</u>	_____
5.	_____	_____	_____	_____
6.	_____	_____	_____	_____

I. Summary:

This bill increases state funding for biomedical research and revises statutes that govern state-funded biomedical research to:

- Require state-funded biomedical research grants to be awarded on a competitive basis after peer review of the proposals and with adherence to ethical standards concerning conflicts of interest and confidentiality of identifying information about human subjects.
- End automatic annual distribution of alcoholic beverage tax collections from the State Treasury for the Center for Universal Research to Eradicate Disease (CURED), the James and Esther King Biomedical Research Program, and the Johnnie B. Byrd, Sr., Alzheimer's Center and Research Institute, and authorizes the Legislature to annually appropriate funds for the centers and program.
- Maintain the power of the Governor and the Legislature to appoint members to the board of directors of the Johnnie B. Byrd, Sr., Alzheimer's Center and Research Institute and the Biomedical Research Advisory Council.
- Establish the William G. "Bill" Bankhead, Jr., and David Coley Cancer Research Program in the Department of Health.
- Appropriate General Revenue for the 2006-07 fiscal year, as follows:
 - \$6 million to the Biomedical Research Trust Fund for the James and Esther King Biomedical Research Program, authorizing up to \$250,000 of that amount to be used for operating expenses of the CURED program.
 - \$9 million to the Biomedical Research Trust Fund for The William G. "Bill" Bankhead and David Coley Cancer Research Program to provide grants to researchers seeking cures for cancer, and
 - \$15 million to the Johnnie B. Byrd, Sr., Alzheimer's Center and Research Institute, requiring not less than 80 percent of this amount to be distributed in research grants.

- Require the following new reports:
 - An annual report from the Department of Health (DOH) on the Bankhead-Coley program to the Governor and legislative leaders.
 - An annual operating budget for the Johnnie B. Byrd, Sr., Alzheimer's Center and Research Institute to be submitted to the Governor and Cabinet, President of the Senate, Speaker of the House of Representatives, and the Chair of the State Board of Education.
- Revise requirements for the annual report of the Johnnie B. Byrd, Sr., Alzheimer's Center and Research Institute to require more detailed information about the center's expenditure of funds and research.

This bill amends ss. 20.435, 215.5602, 381.855, 381.921, 561.121, and 1004.445, Florida Statutes.

The bill creates s. 381.922, F.S., and 5 unnumbered sections of law.

II. Present Situation:

Alzheimer's disease

Alzheimer's disease is a progressive, irreversible brain disorder with no known cause or cure. Symptoms of the disease include memory loss, confusion, impaired judgment, personality changes, disorientation, and loss of language skills. Alzheimer's disease is the most common form of irreversible dementia. How rapidly it advances varies from person to person, but it eventually causes confusion, personality and behavior changes and impaired judgment. Communication becomes difficult as the affected person struggles to find words, finish thoughts or follow directions. Most people with Alzheimer's disease become unable to care for themselves.

There is no known treatment that will cure Alzheimer's disease. In 2002, 58,866 Americans died of Alzheimer's disease.¹ According to the National Institutes on Aging, up to 4.5 million Americans suffer from Alzheimer's disease. Approximately 5 percent of individuals between the ages of 65-74 have the disease. Scientists estimate that nearly half of those 85 and older may have Alzheimer's disease.²

The Johnnie B. Byrd, Sr., Alzheimer's Center and Research Institute

The 2004 Legislature amended s. 1004.445, F.S., to rename the Florida Alzheimer's Center and Research Institute at the University of South Florida as the Johnnie B. Byrd, Sr., Alzheimer's Center and Research Institute, in honor of the late father of Johnnie Byrd, Jr., who was the

¹ National Center for Health Statistics. Health, United States, 2005, With Chartbook on Trends in the Health of Americans. Hyattsville, Maryland. 2005. <http://www.cdc.gov/nchs/data/hus/hus05.pdf> (last visited on March 10, 2006)

² Alzheimer's Disease Education and Referral Center. National Institute on Aging. <http://www.nia.nih.gov/Alzheimers/AlzheimersInformation/GeneralInfo/#howmany> (last visited on March 10, 2006)

Speaker of the Florida House of Representatives from 2002-2004. The center is established as a not-for-profit corporation for Alzheimer's research and receives \$15 million annually in state funding. The institute reports that, in January 2004, it awarded 16 doctors, representing research and educational institutions from around the state, with over \$1.8 million in grants to further ongoing research on Alzheimer's disease. The grants were awarded to each recipient based on a criteria system developed by the National Institute of Health (NIH).³

Cancer Research

According to the Florida Dialogue on Cancer, of \$10 billion spent nationally on cancer research funding in 2002, the National Cancer Institute provided \$4.2 billion; industry and pharmaceutical companies provided \$5 billion; the U. S. Centers for Disease Control and Prevention provided \$269 million; the American Cancer Society provided \$125 million; and other non-profit groups provided \$375 million. In 2003, Florida, ranked 21st among the states in the amount of money (\$38.4 million) the National Cancer Institute provided for cancer research in this state. Florida ranked second among states in the incidence of cancer (97,290 diagnoses) and mortality (40,090 deaths) from cancer in 2004.

The Florida Dialogue on Cancer

The Florida Dialogue on Cancer (FDOC) is a collaboration of Florida leaders of hospitals, research centers, universities, professional medical groups, community-based organizations, and private business groups, as well as government officials. The Florida Dialogue on Cancer is an initiative designed to expand the state's capacity to reduce the incidence and mortality rates of cancer. The goals of FDOC are to:

- Create a coalition that speaks with one voice on major statewide cancer issues for Florida; and
- Enhance and promote Florida's capacity to conduct cancer research, clinical trials and treatment programs.

The Florida Division of the American Cancer Society sponsors FDOC, which is based on the work of the National Dialogue on Cancer.

The James and Esther King Biomedical Research Program

The 1999 Legislature established the Lawton Chiles Endowment Fund to receive monies from the state's interest in settlements with the tobacco industry. Monies from the fund are to be used to enhance or support expansions in children's health care programs, child welfare programs, community-based health and human services initiatives, and biomedical research. Funds are transferred from the endowment fund to support the James and Esther King Biomedical Research Program, established in s. 215.5602, F.S., which provides competitive grants for research relating to the prevention, diagnosis, and treatment of tobacco-related illnesses, including cancer, cardiovascular disease, stroke, and pulmonary disease. The amount of this transfer for FY 2004-05 was \$3.5 million, and for FY 2005-06 and FY 2006-07 the projected amount of the

³ <http://www.byrdinstitute.org/index.cfm?FuseAction=Research.Progress> (last visited on March 10, 2006)

transfer is \$3.4 million and \$3.5 million, respectively.⁴ Under s. 561.121, F.S., the program also receives \$6 million annually from beverage tax collections. In 2005, the program awarded \$8 million in funding for 16 new projects rated as highly significant by a panel of national experts.⁵ The program funds three types of grants: New Investigator Research Grants, Small Business Technology Transfer Grants, and Team Science Project Grants.

The Florida Center for Universal Research to Eradicate Disease

Section 381.855, F.S., creates the Florida Center for Universal Research to Eradicate Disease within DOH. The purpose of the center is to coordinate, improve, expand, and monitor all biomedical research programs within the state, facilitate funding opportunities, and foster improved technology transfer of research findings into clinical trials and widespread public use. The goal of the center is to find cures for diseases such as cancer, heart disease, lung disease, diabetes, autoimmune disorders, and neurological disorders, including Alzheimer's disease, epilepsy, and Parkinson's disease.

The center must hold an annual biomedical technology summit in Florida to which biomedical researchers, biomedical technology companies, business incubators, pharmaceutical manufacturers, and others around the nation and world are invited to share biomedical research findings in order to expedite the discovery of cures for diseases. Summit attendees will be required to cover, or obtain sponsorship for, the costs of their attendance.

The center must:

- Encourage clinical trials in Florida on research that holds promise of curing a disease or condition;
- Facilitate partnerships between researchers, treating physicians, and community hospitals for the purpose of sharing new techniques and new research findings, as well as coordinating voluntary donations to ensure an adequate supply of adult stem cells, placentas and cord blood;
- Facilitate the formation of partnerships between Florida researchers and institutions in other states and countries where research with rare plants or animals could lead to cures;
- Encourage Florida's agricultural colleges and agricultural businesses to be active in the search for cures and the provision of public information about disease prevention;
- Facilitate partnerships among researchers working to cure all types of diseases, including those that are prevalent in developed countries and those that occur in developing countries;
- Encourage the discovery and production in Florida of vaccines that prevent disease; and
- Monitor the supply and demand for types of human tissue relating to research, including stem cell research, and other needs of researchers. If the center determines that there is a need for increased donation of human tissue, it must notify hospitals licensed under ch. 395, F.S., that have entered into partnership agreements with research institutes conducting stem cell research located in the same geographic region as the researchers in

⁴ The Florida Legislature. Office of Economic and Demographic Research. <http://edr.state.fl.us/conferences/tobacco/toboutl.pdf> (last visited on March 10, 2006)

⁵ The James and Esther King Biomedical Research Program. 2005 Annual Report.

need of the stem cells or other tissues. The hospitals must then implement programs that encourage voluntary donations of cord blood or other needed tissues.

The center will be funded through private, state, and federal sources. The center will serve as a registry of all known biomedical grant opportunities and may assist any public or private biomedical research program in this state in preparing grant requests. The center must maintain a website with links to peer-reviewed biomedical research. The website must contain a list of all known biomedical research being conducted in Florida and must facilitate communication among researchers and other interested parties.

The center must submit an annual report to the Governor, the President of the Senate, and the Speaker of the House of Representatives no later than January 15, which contains recommendations for legislative change necessary to foster a positive climate for biomedical research in Florida. The 2005 Annual Report acknowledged that CURED has not existed long enough to make major policy recommendations. The report made two recommendations:

Generally, CURED recommends that the Governor and the Legislature support further significant investments in biomedical research and research capacity building, using competitive, peer-reviewed processes. Evidence that the Florida Legislature supports continuing disease-related research at institutions in the state will strengthen Florida's position as a location for biomedical and biotechnology businesses and as a place for innovative and groundbreaking biomedical research.

Funding for the Scripps organization in Southeast Florida has generated major interest in Florida among funders and outside research organizations. Florida law requires a reinvestment of \$150 to \$200 million of funds earned by the Scripps organization to support biomedical research in the state. See section 288.955(13), F.S. When that reinvestment materializes, CURED recommends that those monies be placed in a self-perpetuating trust fund similar to the biomedical research fund set aside in the Lawton Chiles Endowment Fund. Earnings on this fund would be used for a grants program, similar to the James and Esther King Biomedical Research Program, to fund research in support of CURED's goals.⁶

An advisory council, established within the center, must meet at least annually. The council consists of the members of the board of directors of the Florida Research Consortium and at least one representative from each of the following:

- The Emerging Technology Commission;
- Enterprise Florida, Inc;
- BioFlorida;
- The Biomedical Research Advisory Council;
- The Florida Medical Foundation;
- Pharmaceutical Research and Manufacturers of America;
- The Florida Tri-Agency Coalition on Smoking OR Health;

⁶ 2005 Annual Report of the Advisory Council of the Florida Center for Universal Research to Eradicate Disease. January 2006.

- The Florida Cancer Research Council;
- The American Cancer Society, Florida Division, Inc;
- The American Heart Association;
- The American Lung Association of Florida;
- The American Diabetes Association, South Coastal Region;
- The Alzheimer's Association;
- The Epilepsy Foundation;
- The National Parkinson's Foundation;
- The Florida Public Health Foundation, Inc; and
- Scripps Florida, or the entity formed by the Scripps Research Institute in Florida.

Members of the council will serve without compensation and each organization represented must cover all expenses of its representative.

According to DOH, two of the entities that must have representatives on the council no longer exist—the Emerging Technology Commission and the Florida Tri-Agency Coalition on Smoking OR Health.

The Florida Cancer Council

The 2004 Legislature created the Florida Cancer Council within DOH for the purpose of making Florida a center of excellence for cancer research. Under s. 381.92, F.S., the council may create not-for-profit corporate subsidiaries to fulfill its mission, and those subsidiaries could receive, hold, invest, and administer property and any monies acquired from private, local, state, and federal sources as well as technical and professional income from the mission-related activities of the council.

The council consists of:

- The Chairman of the Florida Dialogue on Cancer, who shall serve as the chairman of the council;
- The Secretary of DOH, or his or her designee;
- The Chief Executive Officer of the H. Lee Moffitt Cancer Center, or his or her designee;
- The President of the University of Florida Shands Cancer Center, or his or her designee,
- The Chief Executive Officer of the University of Miami Sylvester Comprehensive Cancer Center, or his or her designee;
- The Chief Executive Officer of the Mayo Clinic, Jacksonville, or his or her designee;
- The Chief Executive Officer of the American Cancer Society, Florida Division, or his or her designee;
- The President of the American Cancer Society, Florida Division Board of Directors, or his or her designee;
- The President of the Florida Society of Clinical Oncology, or his or her designee;
- The President of the American College of Surgeons, Florida Chapter, or his or her designee;
- The Chief Executive Officer of Enterprise Florida, Inc., or his or her designee;

- Five representatives from cancer programs approved by the American College of Surgeons, three of whom are appointed by the Governor, one by the Speaker of the House of Representatives, and one by the President of the Senate;
- One member of the House of Representatives, to be appointed by the Speaker of the House of Representatives; and
- One member of the Senate, to be appointed by the President of the Senate.

Appointments made by the Speaker of the House of Representatives and the President of the Senate are for 2-year terms concurrent with the terms of the presiding officers who make the appointments. Appointments made by the Governor will be for 2-year terms, and the Governor may reappoint directors. Members of the council or any subsidiaries serve without compensation and each organization represented must cover the expenses of its representatives.

The council must issue an annual report to CURED, the Governor, the Speaker of the House of Representatives, and the President of the Senate by December 15 of each year. The report must contain policy and funding recommendations regarding cancer research capacity in Florida and related issues.

The mission and duties of the council are established in s. 381.921, F.S. The council must work in concert with CURED to ensure that the goals of the center are advanced and must endeavor to dramatically improve cancer research and treatment in Florida through the following efforts:

- Efforts to significantly expand cancer research capacity in Florida by:
 - Identifying ways to attract new research talent and attendant national grant producing researchers to Florida-based cancer research facilities;
 - Implementing a peer-reviewed, competitive process to identify and fund the best proposals to expand cancer research institutes in Florida;
 - Funding through available resources for those proposals that demonstrate the greatest opportunity to attract federal research grants and private financial support;
 - Encouraging the employment of bioinformatics in order to create a cancer informatics infrastructure that enhances information and resource exchange and integration through researchers working in diverse disciplines, to facilitate the full spectrum of cancer investigations;
 - Facilitating the technical coordination, business development, and support of intellectual property as it relates to the advancement of cancer research; and
 - Aiding in other multidisciplinary research-support activities as they inure to the advancement of cancer research.
- Efforts to improve both research and treatment through greater participation in clinical trials networks by:
 - Identifying ways to increase adult enrollment in cancer clinical trials;
 - Supporting public and private professional education programs designed to increase the awareness and knowledge about cancer clinical trials;

- Providing tools to cancer patients and community-based oncologists to aid in the identification of cancer clinical trials available in the state; and
 - Creating opportunities for the state's academic cancer centers to collaborate with community-based oncologists in cancer clinical trials networks.
- Efforts to reduce the impact of cancer on disparate groups by:
 - Identifying those cancers that disproportionately impact certain demographic groups; and
 - Building collaborations designed to reduce health disparities as they relate to cancer.

Excise Taxes on Alcoholic Beverages

Section 561.121, F.S., requires that all state funds collected pursuant to s. 563.05, F.S., related to the excise taxes on malt beverages, s. 564.06, F.S., related to excise taxes on wine and beverages, and s. 565.12, F.S., related to the excise tax on liquors and beverages are to be paid into the State Treasury and disbursed according to certain criteria. Under s. 561.121(1), F.S., \$15 million is distributed annually to the Department of Elderly Affairs to support a contract with the Johnnie B. Byrd, Sr., Alzheimer's Center and Research Institute; \$6 million is distributed annually to the Biomedical Research Trust Fund in DOH for use by the James and Esther King Biomedical Research Program; and \$9 million is distributed annually to the Florida State University for the School of Chiropractic Medicine.

The Biomedical Research Trust Fund

Section

20.435(1)(h), F.S., creates the Biomedical Research Trust Fund within the Department of Health. Funds from the Lawton Chiles Endowment are deposited into the fund to be used for the James and Esther King Biomedical Research Program. Notwithstanding the provisions of s. 216.301, F.S., which requires that, at the end of a fiscal year, any balance of any appropriation, except for capital outlay purposes, must revert to the fund from which it was appropriated, any balance in the Biomedical Research Trust Fund at the end of any fiscal year must remain in the trust fund and will be available for carrying out the purposes of the trust fund. The Governor may certify any balance of any appropriation from the Biomedical Research Trust Fund which is not disbursed but which is obligated pursuant to contract or committed to be expended for up to three years following the effective date of the original appropriation.

The School of Chiropractic Medicine at Florida State University

The 2004 Legislature created s. 1004.383, F.S., to authorize a chiropractic medicine degree program at Florida State University. Subsequently, the Board of Governors of the State University System voted against authorizing a chiropractic medicine degree program at Florida State University.

III. Effect of Proposed Changes:

The bill revises state funding for biomedical research to end automatic distributions from the State Treasury for a specified program and centers, and instead authorizes annual appropriations for the program and centers to be awarded as competitive grants. The bill increases accountability requirements in the awarding of biomedical research grants by requiring peer review of proposals, adherence to ethical standards for human subjects research, and avoidance of conflicts of interest. The bill maintains the power of the Governor and the Legislature to appoint members to the boards that oversee the James and Esther King Biomedical Research Program, the Florida Center for Universal Research to Eradicate Disease, and the Johnnie B. Byrd, Sr., Alzheimer's Center and Research Institute. For 2006-07, the bill appropriates \$30 million for cancer research, Alzheimer's disease research, and biomedical research in the area of tobacco-related diseases through grants to be awarded on a competitive basis after peer review of proposals.

The bill provides legislative intent to:

- Provide funding to support grants for biomedical research in Florida with particular emphasis on cancer research and Alzheimer's disease research;
- Reduce the effect of the state's "inordinately high cancer burden";
- "Address the debilitating and deadly effects of Alzheimer's disease"; and
- Stimulate dramatic economic development, particularly in the biotechnology industry.

The Biomedical Research Trust Fund (s. 20.435, F.S.)

The bill authorizes use of funds in the Biomedical Research Trust Fund for purposes of the William G. "Bill" Bankhead, Jr., and David Coley Cancer Research Program and the James and Esther King Biomedical Research Program. The funds awarded in grants from those programs could be expended over a period of up to three years.

The James and Esther King Biomedical Research Program (s. 215.5602, F.S.)

The bill:

- Reduces the Governor's appointments to the Biomedical Research Advisory Council from six to two and requires two appointments by the President of the Senate and two by the Speaker of the House of Representatives. The President of the Senate will appoint one member with expertise in the field of behavioral or social research and one representative from a cancer program approved by the American College of Surgeons. The Speaker of the House of Representatives will appoint one representative from a professional medical organization and one representative from a cancer program approved by the American College of Surgeons.
- Requires the expiration on June 30, 2006, of all appointments to the Biomedical Research Advisory Council that were not made in accordance with the provisions of the bill.
- Requires the council to award cancer research grants under the William G. "Bill" Bankhead, Jr., and David Coley Cancer Research Program.

- Ends the automatic annual distribution of \$6 million of alcoholic beverage tax collections from the State Treasury to the program under s. 561.121, F.S.
- Authorizes the Legislature to annually appropriate funds to the James and Esther King Biomedical Research Program.
- Appropriates \$6 million in General Revenue to the Biomedical Research Trust Fund for the program for FY 2006-07 and authorizes up to \$250,000 of that amount to be used for operation of the CURED program.

The Florida Center for Universal Research to Eradicate Disease (CURED) (s. 381.855, F.S.)

The bill:

- Revises the composition of the center's advisory council to provide for a 16-member board instead of the current 60-member board by requiring one member from the University Research Consortium rather than all 43 members of the consortium board of directors and by deleting two members representing entities that no longer exist.
- Requires the expiration on June 30, 2006, of all appointments to the advisory council for CURED that were not made in accordance with the provisions of the bill.
- Establishes 4-year terms for advisory board members and requirements for the election of a chair and for periodic meetings of the board.
- Authorizes the Legislature to appropriate funds annually for CURED for operating costs.
- Ends automatic annual distribution of up to \$250,000 of alcoholic beverage tax collections from the \$6 million appropriated to the James and Esther King Biomedical Research Program for operating costs of the center under s. 561.121, F.S. The bill authorizes up to \$250,000 of the funds appropriated to the James and Esther King Biomedical Research Program to be used for operating costs of the CURED program.

The Florida Cancer Council (s. 381.921, F.S.)

The bill provides that the council will identify ways to attract new research talent and national grant-producing researchers to cancer research facilities "in this state" rather than "Florida-based" facilities.

The William G. "Bill" Bankhead, Jr., and David Coley Cancer Research Program (created in s. 381.922, F.S.)

The bill:

- Creates the William G. "Bill" Bankhead, Jr., and David Coley Cancer Research Program in DOH to advance progress towards cures for cancer through grants awarded by the Biomedical Research Advisory Council.
- Establishes application procedures for the research grants awarded under the program. Grant proposals must be evaluated fairly on the basis of scientific merit by a peer-review panel appointed by the Secretary of Health. The peer-review panel must follow rigorous guidelines for ethical conduct and adhere to a strict policy with regard to conflict of interest.

- Appropriates \$9 million in General Revenue to the Biomedical Research Trust Fund for the program for FY 2006-07 to provide grants to researchers seeking cures for cancer.
- Requires DOH to report to the Governor and legislative leaders concerning the program by December 15 each year.

The School of Chiropractic Medicine at Florida State University

The bill deletes the \$9 million dollar annual appropriation to the Florida State University for the School of Chiropractic Medicine.

The Johnnie B. Byrd, Sr., Alzheimer's Center and Research Institute (s. 1004.445, F.S.)

The bill:

- Maintains the authority of the Governor and legislative leaders to appoint the members of the Board of Directors of the center.
- Requires the expiration on June 30, 2006, of all appointments to the board of directors of the Johnnie B. Byrd, Sr., Alzheimer's Center and Research Institute that were not made in accordance with the provisions of the bill.
- Requires the center's annual report to describe the expenditures of all funds, information concerning research conducted or funded by the center, and the expected or actual result of such research.
- Requires the CEO of the center to develop and submit an annual operating budget to the Governor and Cabinet, President of the Senate, Speaker of the House of Representatives, and the Chair of the State Board of Education.
- Establishes procedures the center must follow when awarding peer-reviewed, competitive grants for Alzheimer's disease research.
- Ends automatic annual distribution of \$15 million of alcoholic beverage tax collections from the State Treasury for the center under s. 561.121, F.S.
- Authorizes the Legislature to appropriate funds annually for the center.
- Appropriates \$15 million in General Revenue to the center for FY 2006-07.

Effective Dates

Except as otherwise provided in the bill, the bill will take effect July 1, 2006. Three sections of the bill take effect upon the bill becoming a law; those sections require the expiration on June 30, 2006, of all appointments to the Biomedical Research Advisory Council, the advisory Council for CURED, and the board of directors of the Johnnie B. Byrd, Sr., Alzheimer's Center and Research Institute that were not made in accordance with the provisions of the bill.

IV. Constitutional Issues:

A. Municipality/County Mandates Restrictions:

The provisions of this bill have no impact on municipalities and the counties under the requirements of Art. VII, s. 18 of the Florida Constitution.

B. Public Records/Open Meetings Issues:

The provisions of this bill have no impact on public records or open meetings issues under the requirements of Art. I, s. 24(a) and (b) of the Florida Constitution.

C. Trust Funds Restrictions:

The provisions of this bill have no impact on the trust fund restrictions under the requirements of Art. III, Subsection 19(f) of the Florida Constitution.

V. Economic Impact and Fiscal Note:**A. Tax/Fee Issues:**

None.

B. Private Sector Impact:

Private institutions and researchers at such institutions could apply to the William G. "Bill" Bankhead and David Coley Cancer Research Program for funding for cancer research; to the Johnnie B. Byrd, Sr., Alzheimer's Center and Research Institute for funding for Alzheimer's disease research; and to the James and Esther King Biomedical Research Program for funding for biomedical research involving tobacco-related diseases.

C. Government Sector Impact:

The bill deletes the requirement for a \$15 million annual distribution from the State Treasury to the Johnnie B. Byrd, Sr., Alzheimer's Center and Research Institute and instead authorizes the Legislature to appropriate funds annually to the center. For FY 2006-07, the bill appropriates \$15 million in General Revenue to the Johnnie B. Byrd Sr., Alzheimer's Center and Research Institute and requires that no less than 80 percent of that amount be distributed in research grants.

The bill deletes the requirement for a \$6 million automatic annual distribution from the State Treasury to the Biomedical Research Trust Fund for the James and Esther King Biomedical Research Program and thereby deletes the requirement for an automatic annual distribution of up to \$250,000 from that \$6 million for operating costs of CURED. The bill authorizes the Legislature to appropriate funds annually for the program. For FY 2006-07, the bill appropriates \$6 million in General Revenue to the Biomedical Research Trust Fund for purposes of the James and Esther King Biomedical Research Program. From that amount, up to \$250,000 must be available for the operating costs of the CURED program.

The bill deletes the requirement for a \$9 million annual distribution from the State Treasury to the Florida State University School of Chiropractic Medicine.

For FY 2006-07, the bill appropriates \$9 million in General Revenue to the Biomedical Research Trust Fund for the William G. "Bill" Bankhead and David Coley Cancer Research Program.

VI. Technical Deficiencies:

None.

VII. Related Issues:

None.

This Senate staff analysis does not reflect the intent or official position of the bill's introducer or the Florida Senate.

VIII. Summary of Amendments:

None.

This Senate staff analysis does not reflect the intent or official position of the bill's introducer or the Florida Senate.
