

110TH CONGRESS  
1ST SESSION

# S. 1398

To expand the research and prevention activities of the National Institute of Diabetes and Digestive and Kidney Diseases, and the Centers for Disease Control and Prevention with respect to inflammatory bowel disease.

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## IN THE SENATE OF THE UNITED STATES

MAY 15, 2007

Mr. REID (for himself and Mr. COCHRAN) introduced the following bill; which was read twice and referred to the Committee on Health, Education, Labor, and Pensions

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## A BILL

To expand the research and prevention activities of the National Institute of Diabetes and Digestive and Kidney Diseases, and the Centers for Disease Control and Prevention with respect to inflammatory bowel disease.

1       *Be it enacted by the Senate and House of Representa-  
2       tives of the United States of America in Congress assembled,*

**3 SECTION 1. SHORT TITLE.**

4       This Act may be cited as the “Inflammatory Bowel  
5       Disease Research Enhancement Act”.

**6 SEC. 2. FINDINGS.**

7       Congress makes the following findings:

1 (1) Crohn's disease and ulcerative colitis are se-  
2 rious inflammatory diseases of the gastrointestinal  
3 tract.

12 (3) Because Crohn's disease and ulcerative colitis  
13 behave similarly, they are collectively known as  
14 inflammatory bowel disease. Both diseases present a  
15 variety of symptoms, including severe diarrhea, ab-  
16 dominal pain with cramps, fever, and rectal bleeding.  
17 There is no known cause of inflammatory bowel dis-  
18 ease, or medical cure.

19 (4) It is estimated that up to 1,400,000 people  
20 in the United States suffer from inflammatory bowel  
21 disease, 30 percent of whom are diagnosed during  
22 their childhood years.

23 (5) Children with inflammatory bowel disease  
24 miss school activities because of bloody diarrhea and  
25 abdominal pain, and many adults who had onset of

1 inflammatory bowel disease as children had delayed  
2 puberty and impaired growth and have never  
3 reached their full genetic growth potential.

4 (6) Inflammatory bowel disease patients are at  
5 high risk for developing colorectal cancer.

6 **SEC. 3. NATIONAL INSTITUTE OF DIABETES AND DIGES-**  
7 **TIVE AND KIDNEY DISEASES; INFLAMMATORY**  
8 **BOWEL DISEASE RESEARCH EXPANSION.**

9 Subpart 3 of part C of title IV of the Public Health  
10 Service Act (42 U.S.C. 285c et seq.) is amended by adding  
11 at the end the following:

12 **“SEC. 434B. INFLAMMATORY BOWEL DISEASE.**

13 “(a) IN GENERAL.—The Director of the Institute  
14 shall expand, intensify, and coordinate the activities of the  
15 Institute with respect to research on inflammatory bowel  
16 disease. Such research may be focused on, but not limited  
17 to, the following areas:

18 “(1) Genetic research on susceptibility for in-  
19 flammatory bowel disease, including the interaction  
20 of genetic and environmental factors in the develop-  
21 ment of the disease.

22 “(2) Research targeted to increase knowledge  
23 about the causes and complications of inflammatory  
24 bowel disease in children.

1           “(3) Animal model research on inflammatory  
2        bowel disease, including genetics in animals.

3           “(4) Clinical inflammatory bowel disease re-  
4        search, including clinical studies and treatment  
5        trials.

6           “(5) Expansion of the Institute’s Inflammatory  
7        Bowel Disease Centers program with a focus on pe-  
8        diatric research.

9           “(6) The training of qualified health profes-  
10        sionals in biomedical research focused on inflam-  
11        matory bowel disease, including pediatric investiga-  
12        tors.

13           “(7) Other research priorities identified by the  
14        scientific agendas ‘Challenges in Inflammatory  
15        Bowel Disease Research’ (Crohn’s and Colitis Foun-  
16        dation of America) and ‘Chronic Inflammatory  
17        Bowel Disease’ (North American Society for Pedi-  
18        atric Gastroenterology, Hepatology and Nutrition).

19           “(b) AUTHORIZATION OF APPROPRIATIONS.—To  
20        carry out subsection (a), there are authorized to be appro-  
21        priated \$80,000,000 for fiscal year 2008, \$90,000,000 for  
22        fiscal year 2009, and \$100,000,000 for fiscal year 2010.”.

1 SEC. 4. CENTERS FOR DISEASE CONTROL AND PREVEN-  
2 TION; EXPANSION OF INFLAMMATORY BOWEL  
3 DISEASE EPIDEMIOLOGY PROGRAM.

4       Part A of title III of the Public Health Service Act  
5 (42 U.S.C. 241 et seq.) is amended by adding at the end  
6 the following:

7       **“SEC. 310A. CENTERS FOR DISEASE CONTROL AND PREVEN-**  
8                   **TION; EXPANSION OF INFLAMMATORY BOWEL**  
9                   **DISEASE EPIDEMIOLOGY PROGRAM.**

10        "(a) IN GENERAL.—Not later than 1 year after the  
11 date of enactment of this Act, the Director of the Centers  
12 for Disease Control and Prevention shall expand the In-  
13 flammatory Bowel Disease Epidemiology Program within  
14 the National Center for Chronic Disease Prevention and  
15 Health Promotion to include additional studies focused  
16 on—

17           “(1) the incidence and prevalence of pediatric  
18           inflammatory bowel disease in the United States;

“(2) genetic and environmental factors associated with pediatric inflammatory bowel disease;

21               “(3) age, race or ethnicity, gender, and family  
22               history of individuals diagnosed with pediatric in-  
23               flammatory bowel disease; and

“(4) treatment approaches and outcomes in pediatric inflammatory bowel disease.

1        "(b) CONSULTATION.—The Director shall carry out  
2 subsection (a) in consultation with a national voluntary  
3 patient organization with experience serving the popu-  
4 lation of individuals with pediatric inflammatory bowel  
5 disease and organizations representing physicians and  
6 other health professionals specializing in the treatment of  
7 such populations.

8        "(c) AUTHORIZATION OF APPROPRIATIONS.—To  
9 carry out this section, there are authorized to be appro-  
10 priated \$5,000,000 for fiscal year 2008, and such sums  
11 as may be necessary for each of fiscal years 2009 and  
12 2010.”.

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