

Summary of the 2008 through 2012 *Portfolio Analysis* data as aligned to the *IACC Strategic Plan*

Please note that the 2011 and 2012 data are still draft data and have not yet been finalized – they are still subject to change.

Please read the following notes prior to reviewing the table:

- Objective labels are representative of the 2011 Strategic Plan. Thus, projects from 2008 and 2009 may have been labeled with a different objective number compared to the label seen in this chart. However, the funding data is accurately matched to its associated objective on the left even if the objective number was altered in previous years.
- For projects from 2008-2010 there is a direct link to the list of projects for each objective. To view the individual projects in 2011 and 2012, please refer to the project lists included in the meeting materials.
- Blue font indicates revisions in the text of the objective, including additions and substitutions in text that occurred from the 2008 Strategic Plan to the 2009 Strategic Plan. The red font indicates revisions, including additions and substitutions in text that occurred from the 2009 Strategic Plan to the 2010 Strategic Plan.
- The IACC recommended budget represents the most updated budget cost for 2011. If the recommended budget has been revised since 2008 the year the revision took place is found in parentheses following the budget figure. Thus, if there is no mention of a revision, the IACC recommended budget has remained constant from 2008-2011.
- Current project and funding status for each question or objective is indicated within the table by colored highlighting of the objective. Any objective highlighted **green** has greater than or equal to the recommended funding; any objective highlighted **yellow** has some degree of funding or active projects, but less than the recommended amount; while any objective highlighted **red** has no funding or active projects.
- Highlighting of each total gives an indication of the progress toward meeting the IACC recommended budget for each objective. **Green** highlighting indicates that funding fully meets the recommend budget. **Yellow** highlighting denotes that funding for a particular objective partially meets the IACC recommended budget, while **red** highlighting indicates that there has been no funding towards the particular objective.
- Please note that while the green, yellow and red indicators suggest a funding status for each year and that looking across all years may give some indication of a trend, that some agencies and organizations provide all the funding for multiyear grants in a single year, resulting in the appearance of “less funding” in other years, but that projects fulfilling the objectives may still have been ongoing in the years where the funding appears to be less. Thus, it is important to note the numbers of projects in looking across the chart, and to keep in mind that in a series, where, for example, most of the indicators are green, that the objective is likely to be largely “complete” according to the funding-based measure. This, however, does not provide information on whether or not the objectives were completed in terms of intended project results and outcomes. Please also note that in some cases, projects may have been funded, but were accomplished with smaller budgets than anticipated, so a “yellow” designation may not necessarily be indicative of ongoing need for more effort.

QUESTION 1: WHEN SHOULD I BE CONCERNED?

IACC Strategic Plan Objectives	Funding					
Year	2008	2009	2010	2011	2012	Total
Develop, with existing tools, at least one efficient diagnostic instrument (i.e., briefer, less time intensive) that is valid in diverse populations for use in large-scale studies by 2011.	1.1 \$75,000 <u>2 projects</u>	1.S.A \$4,728,120 <u>15 projects</u>	1.S.A \$4,963,192 <u>15 projects</u>	1.S.A \$2,387,955 8 projects	1.S.A \$2,214,544 8 projects	\$14,368,811
<i>IACC Recommended Budget: \$5,300,000 over 2 years</i>						
Validate and improve the sensitivity and specificity of new or existing screening and diagnostic tools, including comparative studies of general developmental screening versus autism-specific screening tools, in both high-risk and population-based samples, including those from resource-poor international settings and those that are diverse in terms of age, socio-economic status, race, ethnicity, gender, characteristics of ASD, and general level of functioning by 2012.	1.2 \$1,246,922 <u>8 projects</u>	1.S.B \$3,973,711 <u>11 projects</u>	1.S.B \$2,443,557 <u>11 projects</u>	1.S.B \$970,284 9 projects	1.S.B \$2,126,824 12 projects	\$10,761,298
<i>IACC Recommended Budget: \$5,400,000 over 3 years</i>						
Conduct at least three studies to identify reasons for the health disparities in accessing early screening and diagnosis services, including identification of barriers to implementation of and access to screening, diagnosis, referral, and early intervention services among diverse populations, as defined by socioeconomic status, race, ethnicity, and gender of the child, by 2012.	N/A	1.S.C \$139,072 <u>1 project</u>	1.S.C \$0 0 projects	1.S.C \$28,000 1 project	1.S.C \$629,521 3 projects	\$796,593
<i>IACC Recommended Budget: \$2,000,000 over 2 years</i>						
Conduct at least two studies to understand the impact of early diagnosis on choice of intervention and outcomes by 2015.	N/A	1.S.D \$0 0 projects	1.S.D \$0 0 projects	1.S.D \$0 0 projects	1.S.D \$0 0 projects	\$0
<i>IACC Recommended Budget: 6,000,000 over 5 years</i>						
Conduct at least one study to determine the positive predictive value and clinical utility (e.g., prediction of co-occurring conditions, family planning) of chromosomal microarray genetic testing for detecting genetic diagnoses for ASD in a clinical setting by 2012.	N/A	N/A	1.S.E \$2,180,042 <u>3 projects</u>	1.S.E \$690,019 1 project	1.S.E \$1,273,122 4 projects	\$4,143,183
<i>IACC Recommended Budget: \$9,600,000 over 5 years</i>						
Convene a workshop to examine the ethical, legal, and social implications of ASD research by 2011. The workshop should define possible approaches for conducting future studies of ethical, legal, and social implications of ASD research, taking into consideration how these types of issues have been approached in related medical conditions.	N/A	N/A	1.S.F \$0 0 projects	1.S.F \$71,489 1 projects	1.S.F* \$0 0 projects	\$71,489
<i>IACC Recommended Budget: \$35,000 over 1 year *completed in 2011</i>						
Identify behavioral and biological markers that separately, or in combination, accurately identify, before age 2, one or more subtypes of children at risk for developing ASD, and evaluate whether these risk markers or profiles can improve early identification through heightened developmental monitoring and screening by 2014.	1.3 \$2,885,940 <u>14 projects</u>	1.L.A \$16,465,034 <u>43 projects</u>	1.L.A \$13,270,045 <u>45 projects</u>	1.L.A \$12,416,466 43 projects	1.L.A \$12,894,621 40 projects	\$57,932,106
<i>IACC Recommended Budget: \$33,300,000 over 5 years</i>						
Develop at least five measures of behavioral and/or biological heterogeneity in children or adults with ASD, beyond variation in intellectual disability, that clearly relate to etiology and risk, treatment response and/or outcome by 2015.	1.4 \$5,773,203 <u>18 projects</u>	1.L.B \$8,760,010 <u>34 projects</u>	1.L.B \$15,228,060 <u>52 projects</u>	1.L.B \$9,376,400 42 projects	1.L.B \$12,813,396 39 projects	\$51,951,069
<i>IACC Recommended Budget: \$71,100,000 over 5 years</i>						
Identify and develop measures to assess at least three "continuous dimensions" (i.e., social reciprocity, communication disorders, and repetitive/restrictive behaviors) of ASD symptoms and severity that can be used by practitioners and/or families to assess response to intervention for people with ASD across the lifespan by 2016.	1.5 \$912,159 <u>2 projects</u>	1.L.C \$861,069 <u>6 projects</u>	1.L.C \$3,893,622 <u>22 projects</u>	1.L.C \$2,353,440 15 projects	1.L.C \$2,600,028 15 projects	\$10,620,318
<i>IACC Recommended Budget: 18,500,000 over 5 years</i>						
Not specific to any objective	1.Other \$18,229,985 <u>63 projects</u>	1.Other \$9,766,926 <u>37 projects</u>	1.Other \$3,643,562 <u>18 projects</u>	1.Other \$2,307,877 16 projects	1.Other \$2,175,749 13 projects	\$36,124,099

This document is for discussion purposes only and does not reflect the decisions of the IACC

QUESTION 1: WHEN SHOULD I BE CONCERNED?

<i>IACC Strategic Plan Objectives</i>	Funding						
	Year	2008	2009	2010	2011	2012	Total
Total funding for Question 1		\$29,123,209 107 projects	\$44,693,942 147 projects	\$45,622,080 166 projects	\$30,604,930 136 projects	\$36,727,805 132 projects	\$186,771,966