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 4: WHICH TREATMENTS AND INTERVENTIONS WILL HELP?

IACC Strategic Plan Objectives	Funding					
Year	**2008**	**2009**	**2010**	**2011**	**2012**	**Total**
Support at least three randomized controlled trials that address co-occurring medical conditions associated with ASD by 2010.	**4.2** $4,583,171 5 projects	**4.S.A** $4,733,841 6 projects	**4.S.A** $3,787,700 4 projects	**4.S.A** $1,826,542 4 projects	**4.S.A** $2,174,124 3 projects	**$17,105,378**
			IACC Recommended Budget: $13,400,000 over 3 years			
Standardize and validate at least 20 model systems (e.g., cellular and/or animal) that replicate features of ASD and will allow identification of specific molecular targets or neural circuits amenable to existing or new interventions by 2012.	**4.5** $15,879,827 42 projects	**4.S.B** $20,162,709 70 projects	**4.S.B** $23,229,501 92 projects	**4.S.B** $21,606,118 89 projects	**4.S.B** $21,232,514 94 projects	**$102,110,669**
			IACC Recommended Budget: $75,000,000 over 5 years			
Test safety and efficacy of at least five widely used interventions (e.g., nutrition, medications, assisted technologies, sensory integration, medical procedures) that have not been rigorously studied for use in ASD by 2012.	**4.6** $641,285 8 projects	**4.S.C** $3,252,941 29 projects	**4.S.C** $1,509,745 18 projects	**4.S.C** $2,254,724 18 projects	**4.S.C** $1,288,226 17 projects	**$8,946,921**
			IACC Recommended Budget: $27,800,000 over 5 years			
Complete two multi-site randomized controlled trials of comprehensive early intervention that address core symptoms, family functioning and community involvement by 2013.	**4.7** $4,236,869 5 projects	**4.S.D** $7,540,613 9 projects	**4.S.D** $10,306,148 18 projects	**4.S.D** $11,156,647 20 projects	**4.S.D** $8,848,130 21 projects	**$42,088,407**
			IACC Recommended Budget: $16,700,000 over 5 years			
Convene a workshop to advance the understanding of clinical subtypes and treatment personalization (i.e., what are the core symptoms to target for treatment studies) by 2011.	N/A	**4.S.E** $0 0 projects	**4.S.E** $0 0 projects	**4.S.E** $0 0 projects	**4.S.E** $0 0 projects	**$0**
			IACC Recommended Budget: $50,000			
Launch randomized controlled trials of interventions including biological signatures and other measures to predict response, and monitor quality of life and functional outcomes in each of the following groups:	**4.3 & 4.4** $12,109,516 16 projects & 30 projects	**4.S.F** $9,791,270 42 projects	**4.S.F** $7,575,212 30 projects	**4.S.F** $5,445,599 23 projects	**4.S.F** $6,255,438 21 projects	**$41,177,035**
• Five trials in infants and toddlers by 2013.	• *IACC Recommended Budget: $30,000,000 over 5 years (revised in 2010)*					
• Three trials in school-aged children and/or adolescents by 2013.	• *IACC Recommended Budget: $18,000,000 over 5 years (revised in 2010)*					
• Three trials in adults by 2014.	• *IACC Recommended Budget: $18,000,000 over 5 years*					
	Total IACC Recommended Budget: 66,000,000 over 5 years					
Support at least five studies on interventions for nonverbal individuals with ASD by 2012. Such studies may include: • Projects examining service-provision models that enhance access to augmentative and alternative communication (AAC) supports in both classroom and adult service-provision settings, such as residential service-provision and the impact of such access on quality of life, communication, and behavior; • Studies of novel treatment approaches that facilitate communication skills in individuals who are nonverbal, including the components of effective AAC approaches for specific subpopulations of people with ASD; and • Studies assessing access and use of AAC for children and adults with ASD who have limited or partially limited speech and the impact on functional outcomes and quality of life.	N/A	N/A	**4.S.G** $1,907,721 11 projects	**4.S.G** $2,830,851 13 projects	**4.S.G** $4,841,831 16 projects	**$9,580,403**
			IACC Recommended Budget: $3,000,000 over 2 years			

QUESTION 4: WHICH TREATMENTS AND INTERVENTIONS WILL HELP?

IACC Strategic Plan Objectives	Funding					
Year	2008	2009	2010	2011	2012	Total
Support at least two studies that focus on research on health promotion and prevention of secondary conditions in people with ASD by 2012. Secondary conditions of interest include weight issues and obesity, injury, and co-occurring psychiatric and medical conditions.	N/A	N/A	4.S.H $225,877 2 projects	4.S.H $222,265 1 project	4.S.H $956,827 4 projects	$1,404,969
			IACC Recommended Budget: $5,000,000 over 3 years			
Complete at least three randomized controlled trials on medications targeting core symptoms in people with ASD of all ages by 2014.	4.8 $1,380,376 12 projects	4.L.A $1,168,146 10 projects	4.L.A $1,924,932 11 projects	4.L.A $1,527,858 12 projects	4.L.A $3,713,783 14 projects	$9,715,095
			IACC Recommended Budget: $22,200,000 over 5 years			
Develop interventions for siblings of people with ASD with the goal of reducing the risk of recurrence by at least 30% by 2014.	4.9 $14,256 1 project	4.L.B $132,263 2 projects	4.L.B $307,349 3 projects	4.L.B $14,256 2 projects	4.L.B $362,987 2 projects	$831,111
			IACC Recommended Budget: $6,700,000 over 5 years			
Conduct at least one study to evaluate the safety and effectiveness of medications commonly used in the treatment of co-occurring conditions or specific behavioral issues in people with ASD by 2015.	N/A	4.L.C $1,061,222 7 projects	4.L.C $2,302,240 7 projects	4.L.C $2,834,887 8 projects	4.L.C $277,072 3 projects	$6,475,421
			IACC Recommended Budget: $10,000,000 over 5 years			
Support at least five community-based studies that assess the effectiveness of interventions and services in broader community settings by 2015. Such studies may include comparative effectiveness research studies that assess the relative effectiveness of: • Different and/or combined medical, pharmacological, nutritional, behavioral, service-provision, and parent- or caregiver-implemented treatments; • Scalable early intervention programs for implementation in underserved, low-resource, and low-literacy populations; and • Studies of widely used community intervention models for which extensive published data are not available. Outcome measures should include assessment of potential harm as a result of autism treatments, as well as positive outcomes.	N/A	N/A	4.L.D $8,756,832 32 projects	4.L.D $6,296,024 32 projects	4.L.D $10,186,313 45 projects	$25,239,169
			IACC Recommended Budget: $37,500,000 over 5 years			
Not specific to any objective	4.Other $14,075,905 54 projects	4.Other $15,560,011 59 projects	4.Other $6,290,633 49 projects	4.Other $4,777,350 37 projects	4.Other $3,862,655 29 projects	$44,566,554
Total funding for Question 4	**$53,968,973** 178 projects	**$63,403,014** 234 projects	**$68,123,890** 277 projects	**$60,793,121** 259 projects	**$63,999,900** 269 projects	**$309,241,132**

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