

Florida Health Disparities Research Invitational Summit
Ft. Lauderdale, Florida
October 26, 2010

-Nominal Group Technique Results-

Overview

On October 26, 2010 the Florida Center for Universal Research to Eradicate Disease (FL CURED), the Florida Department of Health Office of Minority Health, and the Biomedical Research Advisory Council convened by invitation over fifty researchers and thought leaders from across Florida for the purposes of beginning a conversation on the state of health disparities research in Florida, to develop a research agenda aligned to Florida's demography and core resource/infrastructure needs, to explore interest in ongoing engagement for synergistic purposes, and to gain insights that might inform future grant opportunities through the Bankhead-Coley Cancer Research Program and/or the James and Esther King Biomedical Research Program. The half-day meeting involved table-level discussions on the following three challenge questions using a facilitative process known as the Nominal Group Technique where answers were brainstormed and then voted on.

1. What are the three health disparities content areas that need critical descriptive/correlative research in order to move to intervention research?
2. What are the three primary barriers that exist today to high-quality intervention research targeted at reducing health disparities in Florida (excluding funding)?
3. What are the five most critical outcomes related to health disparities that should be addressed by intervention research over the next five years?

The top 3-5 ideas generated by each group of 5-7 participants were compiled and a second round of plenary voting occurred to identify the degree of consensus around each item. Each participant could cast three votes for their preferred top three responses per question using a weighted system whereby the response they deemed most important received three points, two points for the next most important and one point for their third choice. The data generated by this process follows. Each table shows the voting pattern for every response for each of the three questions, with the responses listed in order of the total points received. Each table shows:

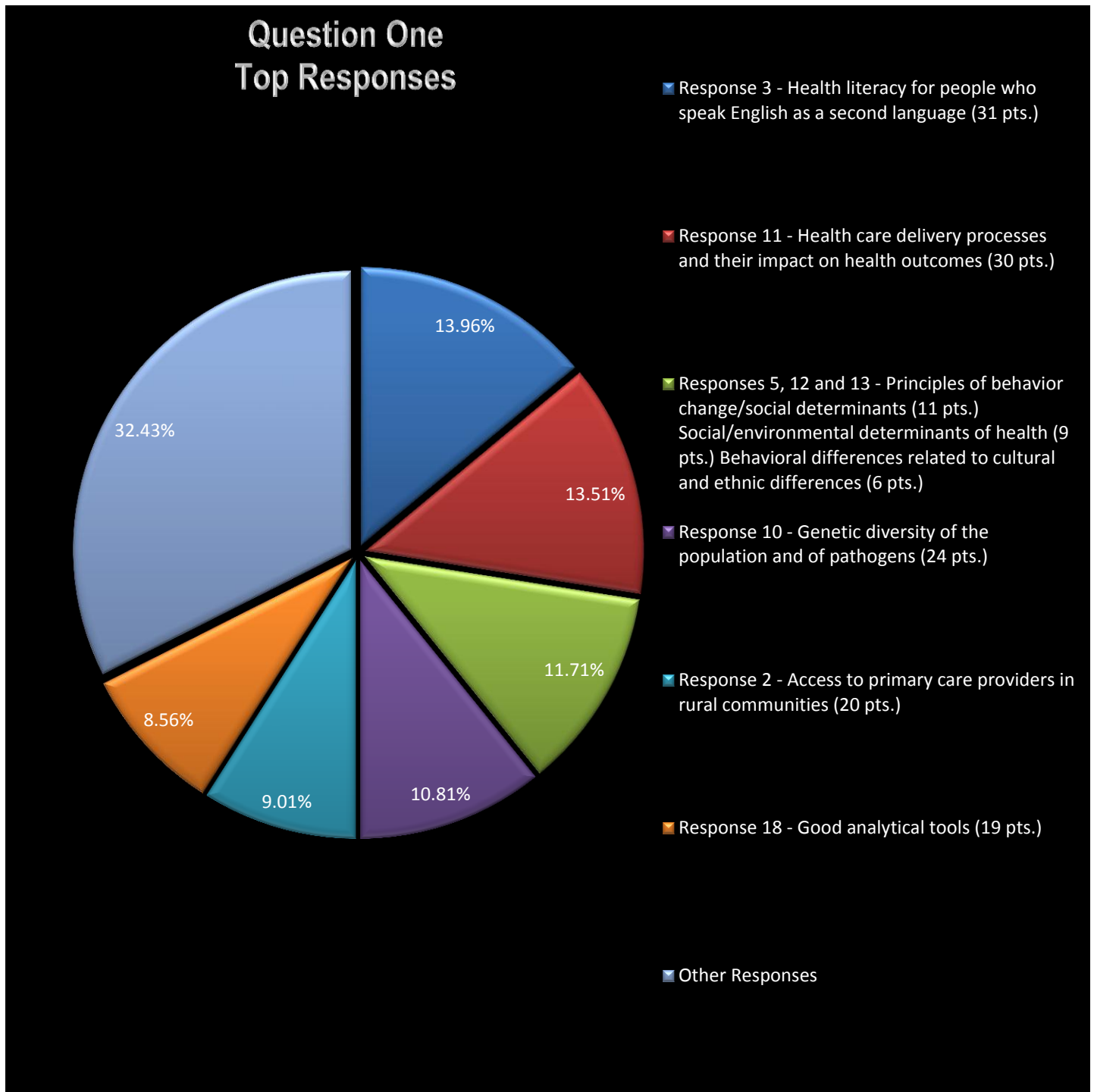
- The number of 3-point, 2-point, and 1-point votes for that response;
- The percent of the total points attributed to that response; and,
- The cumulative percent of the total points for the responses as one moves down the table.

In a few cases, responses were combined when they seemed to be expressing very similar ideas. For example, for Challenge Question 1, combining responses 5, 12, and 13 results in a total of 26 points so that this response ranks 3rd in importance. The figures depict the results graphically for the top rated responses.

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-Nominal Group Technique Results-

Challenge Question One: “What are the three health disparities content areas that need critical descriptive/correlative research in order to move to intervention research?”



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-Nominal Group Technique Results-

Table I - Voting results for Challenge Question One

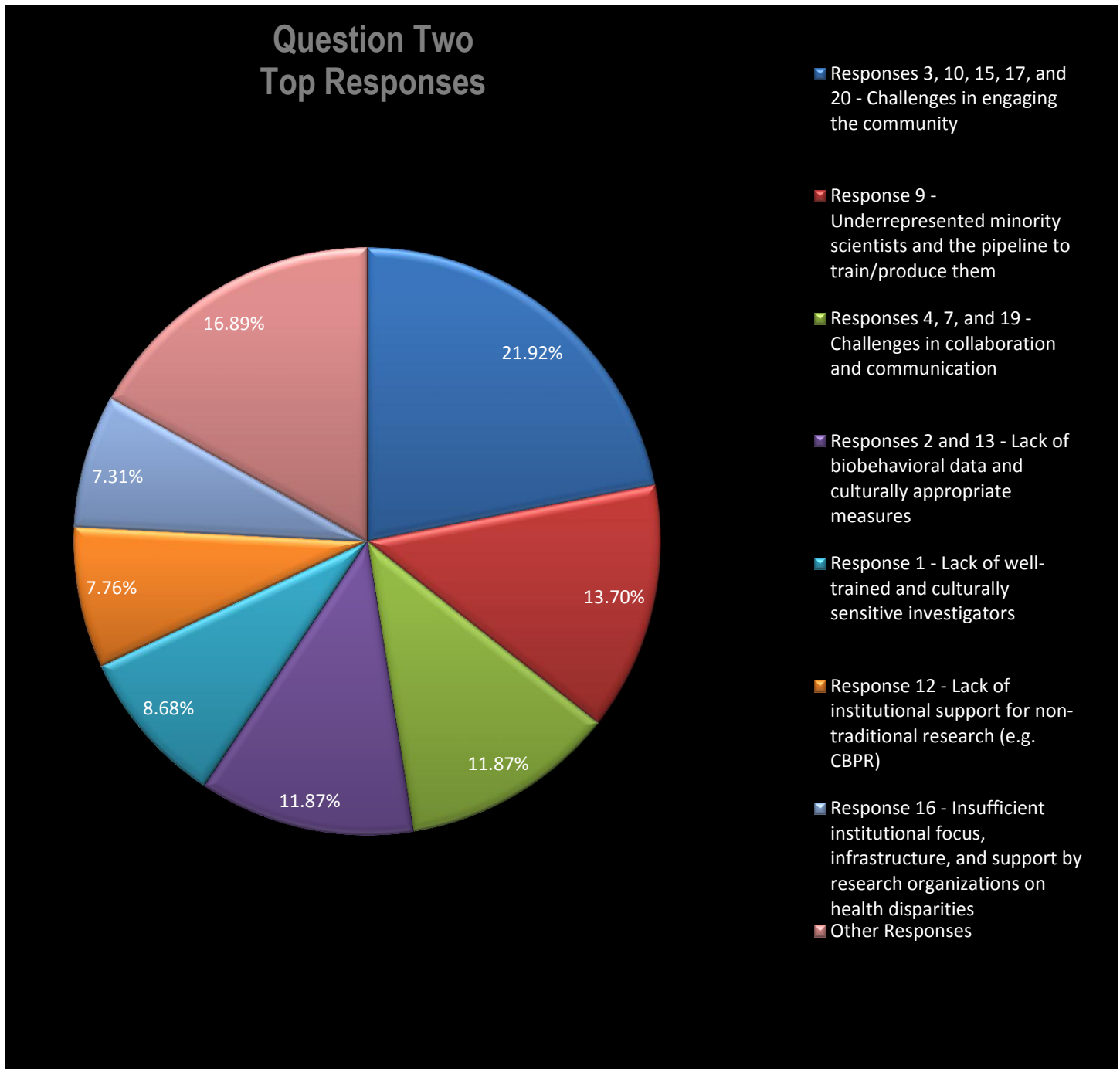
3 pts.	2 pts.	1 pt.	Total Pts.	%	Cuml %	Responses
3	7	8	31	13.96%	13.96%	3. Health literacy for people who speak English as a second language
7	4	1	30	13.51%	27.48%	11. Health care delivery processes and their impact on health outcomes
5	3	5	26	11.71%	39.19%	5, 12, and 13 were combined due to content similarity.
2	1	3	11	-	-	5. Principles of behavior change/social determinants
2	1	1	9	-	-	12. Social/environmental determinants of health
1	1	1	6	-	-	13. Behavioral differences related to cultural and ethnic differences
2	8	2	24	10.81%	50.00%	10. Genetic diversity of the population and of pathogens
4	2	4	20	9.01%	59.01%	2. Access to primary care providers in rural communities
3	4	2	19	8.56%	67.57%	18. Good analytical tools
1	3	1	10	4.50%	72.07%	9. Nutrition/food supply/food culture = obesity
3	0	1	10	4.50%	76.58%	16. Community based participatory research
2	2	0	10	4.50%	81.08%	19. Understanding the role of social and cultural factors upon health behaviors
2	0	2	8	3.60%	84.68%	1. Underutilization of care services by undocumented residents
1	1	2	7	3.15%	87.84%	14. Psychological influences on health disparities
1	1	2	7	3.15%	90.99%	22. Timely access to care
2	0	0	6	2.70%	93.69%	4. Culturally competent workforce
0	1	3	5	2.25%	95.95%	8. Co-morbidity
0	0	3	3	1.35%	97.30%	15. Status of the severity of health disparities in underserved communities
1	0	0	3	1.35%	98.65%	23. Maternal and Infant morbidity
0	1	0	2	0.90%	99.55%	21. Understanding the determinants/characteristics of successful patient-physician encounters
0	0	1	1	0.45%	100%	20. Understand the factors that influence minority/underserved populations
0	0	0	0	0.00%	100%	6. Utilization and cost of health services
0	0	0	0	0.00%	100%	7. Pain management
0	0	0	0	0.00%	100%	17. Automatic bias, discrimination, marginalization, stigma
0	0	0	0	0.00%	100%	24. Heart disease

Total points assigned: 222

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Challenge Question Two: “What are the three primary barriers that exist today to high-quality intervention research targeted at reducing health disparities in Florida (excluding funding)?”



Florida Health Disparities Research Invitational Summit
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-Nominal Group Technique Results-

Table II - Voting results for Challenge Question Two

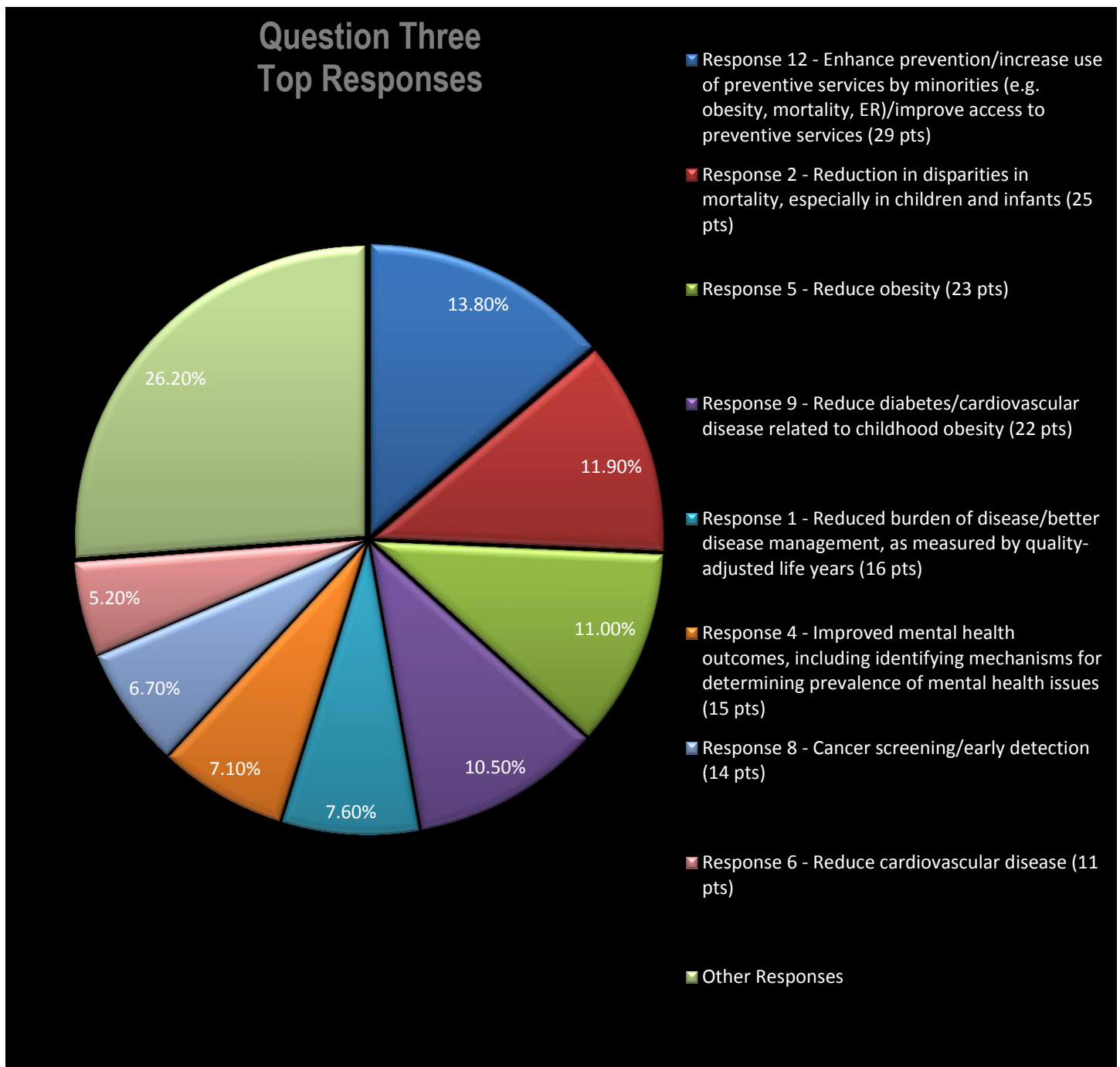
3 pts.	2 pts.	1 pt.	Total Pts.	%	Cuml %	Responses
7	9	9	48	21.92%	21.92%	Responses 3, 10, 15, 17, and 20 were combined due to content similarity.
2	3	2	14	-	-	3. Cultural and ethnic barriers to research participation
2	4	1	15	-	-	10. Lack of community members as partners in research
2	1	3	11	-	-	15. Mistrust of research among populations
1	1	1	6	-	-	17. Challenges of recruitment into HDR studies
0	0	2	2	-	-	20. Recruitment and retention of clinical trials/culturally designed trials
7	4	1	30	13.70%	35.62%	9. Underrepresented minority scientists and the pipeline to train/produce them
5	3	5	26	11.87%	47.49%	Responses 4, 7, and 19 were combined due to content similarity.
0	2	1	5	-	-	4. Lack of communication of best practices and lack of networks
4	1	2	16	-	-	7. Administrative/organizational barriers to research collaborations/partnerships
1	0	2	5	-	-	19. We need to work together in the state-research consortium to share expertise/information
5	4	3	26	11.87%	59.36%	Responses 2 and 13 were combined due to content similarity.
1	2	3	10	-	-	13. Lack of biobehavioral data
4	2	0	16	-	-	2. Lack of culturally appropriate measures
4	1	5	19	8.68%	68.04%	1. Lack of well-trained and culturally sensitive investigators
2	3	5	17	7.76%	75.80%	12. Lack of institutional support for non-traditional research (e.g. CBPR)
2	4	2	16	7.31%	83.11%	16. Insufficient institutional focus, infrastructure, and support by research organizations on health disparities
2	4	1	15	6.85%	89.95%	5. Lack of culturally focused theoretical models
1	3	1	10	4.57%	94.52%	8. Access to populations/community engagement
1	2	1	8	3.65%	98.17%	6. Lack of innovations in interventions
0	0	3	3	1.37%	99.54%	18. Lack of clarity about the term "health disparities research"
0	0	1	1	0.46%	100%	14. Interventions not linked to theoretical frames
0	0	0	0	0.00%	100%	11. Lack of clarity/understanding of the potential value (economic and human) of HDR

Total points assigned: 219

Florida Health Disparities Research Invitational Summit
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-Nominal Group Technique Results-

Challenge Question Three: “What are the five most critical outcomes related to health disparities that should be addressed by intervention research over the next five years?”



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 October 26, 2010

-Nominal Group Technique Results-

Table III - Voting results for Challenge Question Three

3 pts.	2 pts.	1 pt.	Total Pts.	%	Cuml %	Responses
7	3	2	29	13.80%	13.80%	12. Enhance prevention/increase use of preventive services by minorities (e.g. obesity, mortality, ER)/improve access to preventive services
6	2	3	25	11.90%	25.70%	2. Reduction in disparities in mortality, especially in children and infants
4	3	5	23	11.00%	36.70%	5. Reduce obesity
3	5	3	22	10.50%	47.10%	9. Reduce diabetes/cardiovascular disease related to childhood obesity
2	3	4	16	7.60%	54.80%	1. Reduced burden of disease/better disease management, as measured by quality-adjusted life years
2	4	1	15	7.10%	61.90%	4. Improved mental health outcomes, including identifying mechanisms for determining prevalence of mental health issues
2	3	2	14	6.70%	68.60%	8. Cancer screening/early detection
3	0	2	11	5.20%	73.80%	6. Reduce cardiovascular disease
2	1	1	9	4.30%	78.10%	10. STDs related to substance abuse
0	3	2	8	3.80%	81.90%	11. Violence
1	1	3	8	3.80%	85.70%	14. Increase the number of under-represented scientists/providers
0	3	2	8	3.80%	89.50%	15. Increase the number of culturally competent providers
1	2	1	8	3.80%	93.30%	16. Establish working collaborations throughout the state to address specific disparities
1	1	1	6	2.90%	96.20%	7. Reduced tobacco use
1	0	2	5	2.40%	98.60%	3. Reduction in admission and re-admission
0	1	1	3	1.40%	100.00%	13. Correct collection & reporting of individual-level data

Total points assigned: 210

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Table IV - Summary Voting Results

<i>Question 1</i>	
Response #	Points
3	31
11	30
10	24
2	20
18	19
5	11
9	10
16	10
19	10
12	9
1	8
14	7
22	7
4	6
13	6
8	5
15	3
23	3
21	2
20	1
6	0
7	0
17	0
24	0
25	0

222 points total
 37 voters

<i>Question 2</i>	
Response #	Points
9	30
1	19
12	17
2	16
7	16
16	16
5	15
10	15
3	14
15	11
8	10
13	10
6	8
17	6
4	5
19	5
18	3
20	2
14	1
11	0

219 points total
 37 voters
 1 missing 3 pt.
 response

<i>Question 3</i>	
Response #	Points
12	29
2	25
5	23
9	22
1	16
4	15
8	14
6	11
10	9
11	8
14	8
15	8
16	8
7	6
3	5
13	3

210 points total
 35 voters