Open letter to medical professionals and the AMA: Start the conversation

**Whereas**, within the last 20 years there has been an alarming increase in serious illnesses in the US, along with a marked decrease in life expectancy (Bezruchka, 2012); and

**Whereas**, the onset of serious illness is appearing in increasingly younger populations: neurological disease (<u>Pritchard et al., 2013</u>); obesity, asthma, behavior & learning problems and chronic disease in children and young adults (<u>Van Cleave et al., 2010</u>); type II diabetes in youth (<u>Rosenbloom et al., 1999</u>); and

**Whereas**, the rate of chronic disease in the entire US population has been dramatically increasing with an estimated 25% of the US population suffering from multiple chronic diseases (<u>Autoimmunity Research Foundation</u>, 2012); and

**Whereas**, during this same time period, there has been an exponential increase in the adoption of Genetically Modified Food (GMO) crops with associated applications of glyphosate to food crops (Benbrook, 2012); and

**Whereas,** over 90% of corn, soy, sugar beets and canola are GMO, modified to withstand direct application of herbicides; and

**Whereas**, it has become routine for pre-harvest ripening to spray grain, legumes and sugar cane with glyphosate; and

Whereas, Glyphosate and its degradation product, aminomethylphosphonic acid (AMPA) have been detected in air (Majewski et al., 2014, Chang et al., 2011), rain (Scribner et al., 2007; Majewski, 2014), groundwater (Scribner, 2007), surface water (Chang, 2011; Scribner, 2007; Coupe et al., 2012), soil (Scribner, 2007) and sea water (Mercurio et al., 2014), showing that glyphosate and AMPA persist in the soil and water and the amounts detected are increasing over time with increasing agricultural use; and

**Whereas,** glyphosate & AMPA residues are high in our **food** (residues as high as 15 parts per million have been detected in GM soybeans with no residues detected in organic or conventionally grown soy <u>Bohn et al., 2014</u>); and

Whereas, glyphosate bioaccumulates in organs and tissue (Kruger et al. 2014); and

**Whereas**, the biological pathways between glyphosate and chronic disease have been outlined (<u>Samsel & Seneff</u>, 2013a); and

**Whereas**, time trends of the rise in chronic diseases along with the rise of glyphosate use and the adoption of GM crops show very high correlations with very strong statistical significance (<u>Swanson</u>, <u>2013</u>); and

**Whereas,** glyphosate has been shown to be toxic to the liver and kidneys (<u>Cattani et al., 2014</u>; <u>Jayasumana et al., 2014</u>; <u>Lushchak et al., 2009</u>; <u>El-Shenawy, 2009</u>; <u>de Liz Oliveira</u> Cavalli et al., 2013; Séralini et al., 2011); and

Whereas, glyphosate is a patented chelating agent (U.S. patent number 3160632 A) causing

mineral deficiencies; and

**Whereas,** glyphosate is a patented anti-microbial & biocide (U.S. patent number 20040077608 A1 & U.S. patent number 7771736 B2) that preferentially kills beneficial bacteria in our intestines leading to nutrient deficiency, chronic intestinal diseases, inflammation, and autoimmune diseases (Samsel & Seneff, 2013b; Kruger, 2013; Shehata et al., 2012; Carman et al., 2013); and

**Whereas,** it is illegal to administer a drug (antibiotic and biocide) in our food without a medical license to do so; and

**Whereas,** glyphosate leads to teratogenicity and reproductive toxicity in vertebrates (<u>Antoniou et al., 2012</u>); and

**Whereas**, glyphosate is an endocrine disruptor (<u>Gasnier et al., 2009</u>; <u>Paganelli et al., 2010</u>; Antoniou et al., 2012; Thongprakaisang et al., 2013); and

**Whereas**, there are no "safe" levels of endocrine disruptors (<u>Vandenberg et al., 2012</u>; <u>Bergman et al., 2013</u>); and

Whereas, imbalances and malfunctions of the endocrine system can lead to diabetes, hypertension, obesity, kidney disease, cancers of the breast, prostate, liver, brain, thyroid, non-Hodgkin's lymphoma (Marc et al., 2004; Thongprakaisang et al., 2013), osteoporosis, Cushing's syndrome, hypo- and hyperthyroidism, infertility, birth defects, erectile dysfunction, (Soto & Sonnenschein, 2010), sexual development problems and neurological disorders such as: learning disabilities, attention deficit disorder (de Cock et al., 2012), autism (Schulkin, 2007), dementia (Ghosh, 2010), Alzheimer's (Merlo et al., 2010), Parkinson's and schizophrenia (MacSweeney et al., 1978); and

**Whereas**, endocrine disruptors are especially damaging to organisms undergoing hormonal changes: fetuses, babies, children, adolescents and the elderly (<u>Bergman et al., 2013</u>);

**Whereas**, the use of glyphosate as an herbicide for numerous decades in the USA and now as a component compound in GMO foods has adversely impacted its human exposure factor to implode within the standard of medical surveillance and care; and

**Whereas**, a chronically ill patient suffering from long-term, systemic poisoning will not respond to traditional treatment; and

Whereas, most medical personnel are trained only in acute poisoning and not in systemic poisoning; and

**Whereas**, you have sworn an oath "to apply, for the benefit of the sick, all measures which are required," and to "prevent disease whenever I can, for prevention is preferable to cure"; and

**Whereas**, the liability will be on the professional who did not recognize glyphosate poisoning in his/her patients;

We, the undersigned, implore you to take the following actions:

Order toxicology tests for your chronically ill patients, in particular screening for glyphosate and its degradation product AMPA.

Educate yourselves on how to deal with systemic poisoning and detoxification.

Open the conversation with your patients, family and colleagues.

Establish a procedure for surveillance and tracking.

The medical surveillance programs for any hazardous material, such as glyphosate, are designed to systematically collect and analyze health information on exposed individuals to toxic substances. The components involved in a comprehensive medical surveillance program and how these components interrelate should include the following:

- 1. Biological Monitoring;
- 2. Protocols for testing and treating;
- 3. Determination of health hazards, exposures, and job-related risks;
- 4. Tracking systems;
- 5. Specific history of what the patient was exposed to or doing prior to their symptoms;
- 6. Exposure Monitoring System for environment, food, humans and domestic/food animals.

The biological monitoring component for glyphosate and its degradation and metabolic metabolites is a key component which is designed to anticipate disease by sampling and analyzing solid tissues, secretions or excretions. The end results of this monitoring are used to take both preventive and ongoing action for individuals exposed to environmental, workplace and food exposures.

Due to its interference with detoxifying enzymes in the liver, glyphosate enhances toxicity of other chemical exposures. Once a human exposure standard is supported that establishes a baseline of zero tolerance, one will have to address the effect of setting general examination requirements for the chemical glyphosate as well as the requirements for all other chemical exposures.

The proposed generic requirements would have a broader scope and may consist of the following:

- 1. Require initial exposure monitoring for individuals.
- 2. Specify the frequency of follow-up monitoring and increase the frequency, dependent upon the determination of systemic toxicological symptoms.
- 3. Implement specific air sampling techniques in terms of personal and/or environmental monitoring.
- 4. Develop procedures for individuals' observance of ambient sampling.
- 5. Require medical surveillance for all individuals pre and post exposure to one half the exposure limits (to be established as a true "zero" level).
- 6. Assess pre- and post environmental health and toxicology of route of exposure and its origins for glyphosate.

- 7. Establish a standard of result of the medical exam and tests conducted, as well as any conditions that require follow-up.
- 8. Adopt biologic exposure indices for glyphosate, its metabolites and degradation.

Update 6/20/2014: One week total: 35 medical professionals, 17 scientists and 103 concerned citizens. An e-mail account was set up to collect signatures and was instantly hacked. Signatures sent in the first 24 hours were lost.

An additional 417 signatures were collected via online petition (appended).

This letter is available <u>here</u> for download. Print and take to your physician. Collection of signatures is ongoing. You may sign <u>here</u>. Original letter published at the <u>Seattle Examiner</u>.

# Signed,

#### **Medical Professionals**

- 1. Dr. Hildegarde Staninger, Industrial Toxicologist/IH & Doctor of Integrative Medicine; Chairperson, NREP SCADA Special Task Force Committee
- 2. Dr. Janet Starr Hull, Ph.D., CN (environmental toxicologist, author), Director of The Hullistic Network
- 3. Dr. Shiv Chopra, DVM, Ph.D. (microbiology), Fellow, World Health Organization, President, Canadian Council on Food Sovereignty & Health
- 4. Dr. Ben Colodzin, Ph.D., Psychology
- 5. Dr. Acacia Alcivar-Warren, DVM., Ph.D., Director, IMSEGI [International Marine Shrimp Environmental Genomics Initiative]
- 6. Kiki Corbin, CTN, ACSGC, Certified Traditional Naturopath
- 7. Dr. Rosemary Mason, MB ChB, FRCA. Physician/Anaesthetist, South Wales UK
- 8. Dr. Judy A. Mikovits, Ph.D., (Biochemistry and Molecular Biology), MAR Consulting
- 9. Tom A Malterre, MS, CN, President of Whole Life Nutrition
- 10. Dr. Dan Purser, MD
- 11. Dr.Tom Tang, MD, CTO of Guangxi Bestway Pharmaceutical Company, China
- 12. Sally Fallon Morell, President, The Weston A. Price Foundation
- 13. Dr. Terry Wahls, MD, Author, The Wahls Protocol
- 14. Dr. Kelly Brogan, MD, Board Certified Psychiatrist, NYU/Bellevue Medical Center
- 15. Dr. Ruth Dankanich Daumer
- 16. Dr. Michelle Perro, MD, Pediatrics, Integrative Medicine, Institute for Health and Healing
- 17. Dr. Christopher S. Rubel, MD, retired
- 18. Dr. Arpita M. Guha, D.O.
- 19. Dr. Karl Robinson, M.D.
- 20. Dr. George Guess, MD
- 21. Dr. Irene Sebastian, MD, PhD, Dht, Family Medicine
- 22. Dr. Richard Hiltner, MD, member, Board of Directors, California Homeopathic Medical Society
- 23. Lori B. Taylor, MA/MS, RD, CD, CNSC, Clinical Dietitian
- 24. Arden Andersen, D.O., M.S.P.H., Ph.D., Physician, author and agricultural scientist
- 25. Dr. Monika Kruger, University of Leipzig, Faculty of veterinary medicine
- 26. Dr. Michelle Blake, M.D.

- 27. Sonia Fullenwilder
- 28. Elizabeth Cox CMA, AAMA (American Association of Medical Assistants)
- 29. Philip Incao, MD
- 30. Dr. Lorrin Pang, MD, MPH, as private citizen, Consultant to World Health Organization 1985-2005, Current Adviser to US Congress Medical Research Program
- 31. Dr. Les Berenson MD, FACP
- 32. M. Kelly Sutton, MD, Primary care physician
- 33. Kathy Kerkof, retired PT
- 34. Dr. Angela May, MD, Pediatrician
- 35. Dr. Lindy Woodard MD, Pediatric Alternatives

### **Scientists**

- 36. Dr. Nancy L. Swanson, Ph.D. (physics), President, Abacus Enterprises
- 37. Dr. John Balatinecz, Ph.D., Emeritus Professor, University of Toronto
- 38. Dr. Evaggelos Vallianatos, Ph.D., former EPA analyst
- 39. Dr. Stephanie Seneff, Ph.D., Senior Research Scientist, MIT
- 40. Dr. Mae Wan Ho, Ph.D., Biochemistry, Prigogine Medalist, Director, Institute of Science in Society
- 41. Dr. Peter T. Saunders, Ph.D., Theoretical Astrophysics, Emeritus Professor, King's College, London
- 42. Dr. Don M. Huber, Plant Pathology, Professor Emeritus, Purdue University
- 43. Judy A. Hoy, Administrator of the Bitterroot Wildlife Rehabilitation Center and Independent Wildlife Researcher
- 44. Chen I-wan, adviser, Committee of Disaster Study to China Disaster Prevention Association
- 45. William Sanjour, (physics), Former EPA branch chief and policy analyst
- 46. Anthony Samsel, Consultant
- 47. Pamela Hallock Muller, Ph.D., Professor of Marine Science
- 48. Prof. Dr. Tony Pereira, UCLA ME Ph.D., Fulbright Scholar
- 49. Dr. Thierry Vrain, former Head of Biotechnology at Agriculture Canada
- 50. Dr. David Schubert, Ph.D. Professor, Salk Institute for Biological Studies
- 51. Dr. Warren Porter, Prof. of Zoology, Prof. of Env. Toxicology, U. of Wisconsin, Madison
- 52. Dr. Kent Blacklidge, Ph.D. (genetics), MS (aquatic toxicology), former newspaper publisher

### **Concerned Citizens**

- 53. Don Waldon
- 54. Carol Waldon
- 55. Shoshanna Allison, Media & Networker
- 56. Cynthia Follrich
- 57. Jack Olmsted, WWGF News
- 58. Doolie Brown
- 59. David Lawrence Dewey, Author/Columnist
- 60. Alan Hetterly
- 61. Heather Arvensis
- 62. Howard Vlieger, crop and livestock nutrition advisor since 1992
- 63. Claire Dwoskin, President, Children's Medical Safety Research Institute

- 64. Laurie A. Olson, Moms Across America Western Regional Organizer
- 65. Rhonda Watts-Hettinger
- 66. Ronnie Cummins, Director, Organic Consumers Association
- 67. F. William Engdahl, journalist & economist
- 68. Dr. Toni Clark, Ph.D., retired professor and concerned citizen
- 69. Dr. Beverly Goldie, Ed.D.
- 70. T. Matthew Phillips, Attorney-at-Law
- 71. Andre Leu B.A. Com., Grad Dip Ed., President, International Federation of Organic Agricultural Movements
- 72. Cynthia Zoltek
- 73. Ken Lewis
- 74. Karen Malecki
- 75. Thomas M. Morris
- 76. Allan Rydberg
- 77. Nathan Morgan
- 78. Kapil Agrawal
- 79. Jennifer Christi
- 80. Kristine Heffner
- 81. Linda Heffner
- 82. Gloria Heffner
- 83. Barbara Horn
- 84. Don Horn
- 85. Jody Heffner
- 86. Danielle Heffner
- 87. Keith Hittle
- 88. Tasha Hittle
- 89. Tara Hittle
- 90. Ave Maria Romine
- 91. Jenna Hendricks
- 92. Cheslea Lucas
- 93. Tristan Heffner
- 94. Tony Mitra
- 95. Dr. Philip H. King, Ph.D. (social scientist)
- 96. Donna Y. Adams RPT
- 97. Fred C. Adams
- 98. Mary Stanton
- 99. Paddy McAlister, Energy Medicine Association
- 100. Christine Robitaille, Leader of the International Coalition for Food Safety (ICFS)
- 101. Sheryl McCumsey
- 102. Isabel Rawlings Cohen, Artist/Environmental Activist, Member of International Coalition for Food Safety
- 103. Dr. Adrienne Samuels, Ph.D., psychology
- 104. Helen Driscoll, Wellness Coach
- 105. Eileen Dannemann, Director, National Coalition of Organized Women
- 106. Mark von Wodtke, FASLA, Professor Emeritus of Landscape Architecture
- 107. Patrice Anita
- 108. Jayme Domejka
- 109. David Starr
- 110. Suzanne Montalalou

- 111. M. Letourneau, New York
- 112. Mrs. Betty Kegley
- 113. Vicky Carlson
- 114. Zen Honeycutt, Founder and Director, Moms Across America
- 115. Jon Abrahamson
- 116. Rebecca D. Muzychka
- 117. Diane Lalomia, President and co-leader, NoGMO4Michigan.org
- 118. Velma Manulani Wagatsuma
- 119. Shonda Adams
- 120. Tracei Cagle
- 121. Daniel Heasley
- 122. Amina yasmine eid
- 123. Tosha Knight
- 124. Petra Simone
- 125. Nick Simone
- 126. Catherine Simone
- 127. Laura McCollum
- 128. Tracy L. Breeden
- 129. Lisa Robertson
- 130. Sandy Kinter
- 131. Virginia McBride, teacher, mother of DNP, daughter of physician
- 132. Pamm Larry, Initial Instigator Prop 37, Northern California Director, LabelGMOs.org
- 133. Deb Millikan
- 134. Kalpana Mehta
- 135. Margaret Elaine McCoy
- 136. Sarah Baird, an informed mother
- 137. Laura Lee Mistycah, Author
- 138. Leslie A. Lash White, fervent environmental/health/social activist
- 139. Carla M. Saldana
- 140. Sikhumbuzo Rondo Mzobe
- 141. Henry Rowlands, Coordinator, Global GMO Free Coailtion
- 142. Jerry Carlson, Editor Emeritus, Professional Farmers of America
- 143. Cindy Black
- 144. Randolph Smith
- 145. Dr. Kun Chen, Ph.D.
- 146. Tanya Quarterman
- 147. Charles Mish
- 148. Goldie Caughlan
- 149. Winifred Adams
- 150. Robert Gamble
- 151. Rosemary Bonda- mother of 5
- 152. Robert Shrewsbury, Manti, Utah
- 153. H. Scott Allison, MS CAC
- 154. Niki Thane
- 155. David Ludden

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## Medical Professionals and the AMA

We, the undersigned, implore our Medical Professionals to take the following actions BASED ON THE DATA in our Open Letter to Medical Professionals and the AMA:

\*Order toxicology tests for your patients and chronically ill patients, in particular screening for glyphosate and its degradation product AMPA.

\*Educate yourselves on how to deal with systemic poisoning and detoxification.

\*Open the conversation with your patients, family and colleagues.

READ ON - The Open Letter says it all! Open Letter to Medical Professionals and the AMA

	Name	From	Comments
1.	Natasha Salgado	Toronto, Canada	
2.	Annette Florence	Edmonton, Canada	
3.	Serdar Murat	Vienna, Austria	
4.	Rolf Steinhauser	Baienfurt, Germany	http://www.ewg.org/take-action
5.	Michelle O'Neil	Watertown, NY	
7.	Jeanne Rogers	Estero, FL	
13.	Ela Gotkowska	LODZ, Poland	
16.	Sandy Spelling	Mount Vernon, IA	
17.	David Dewey	Alamogordo, NM	One voices can become millions! Let's stop this now!
18.	Deana Jewett	Warner, NH	

<sup>\*</sup>Establish a procedure for surveillance and tracking.

	Name	From	Comments
19.	Fabienne Lohr	Luxembourg, Luxembourg	
20.	Veronica Jansen	Rotterdam, Netherlands	
21.	linda evans	carlsbad, CA	
22.	Belynda Bennett	Davenport, IA	
23.	Sheryl McCumsey	Edmonton, Canada	
24.	Melissa Richardson	Holdfast, Canada	
25.	Barbara Dempster	Edmonton, Canada	
26.	Robert Bright	Toronto, Canada	
27.	Diane Lalomia	Somewhere, MI	Doctor's need to have ALL the information of exposure to chemicals that the patients has experienced to develop the proper protocol for treatment. Glyphosate is in our food and the impacts on our health need to be measure quantitatively and documented. Health professionals need to LOOK at what is going on in our food system and it's correlation to the declining health of patients.
28.	Brandie Harrop	sherwood park, Canada	I we start testing people it will give us the data we need to link glyphosate to the rise in chronic illnesses plaguing our society
29.	Debbie Dekker	calgary, Canada	Our Medical Professionals should be testing for things like Glyphosate as a preventive measure to other diseasesget on board doctors
30.	AnneMarie Call	San Jose, CA	
31.	Aaron hoeker	Scottville, MI	
32.	Kelly Pawluk	Onoway, Canada	
33.	Tonya Kimrey	Stockton, CA	I have been getting more and more food allergies and sicker and sicker as I get older. There are more foods I am allergic to than not. The FDA is not protecting us. It is time for the medical community to stand up and inform everyone that our food supply is contaminated.
34.	angela deleon	Holland, MI	
35.	jacquelyn mizani	irvine, CA	
36.	Deborah Hignett	Lorain, OH	
37.	Amanda Smith	calgary, Canada	
38.	Jennifer Basaraba Sprague	Olympia, WA	
39.	anne vittles	Charlotte, NC	
40.	Cindy Black	Seattle, WA	
41.	Charlsey Cartwright	Sacramento, CA	

	Name	From	Comments
42.	Susan Tejada	Homestead, FL	
43.	Andrea Pinkston	Scottsdale, AZ	I have had food allergies most of my life and in 2012 I was diagnosed with breast cancer. I think that when chronically ill people get tested, they will find a shocking amount of glyphosate in their bodies.
44.	Audrey Childress	Alpharetta, GA	
45.	Melissa Williams	Cold lake, Canada	
46.	Debra Cornish	North Saanich, Canada	We have a right to know if we are being chemically attacked by greedy companies and find a way to heal ourselves. This would give us a measuring tool! Thank you!
47.	Lauralee Van Ommen Kloeke	Flagstaff, AZ	
48.	Janis Levy	Dallas, TX	
49.	Susan Love	Columbia, PA	
50.	betty sulfridge	middlesboro, KY	
51.	Rhonda Gehringer	Holland, MI	
52.	Kurt R. Dahl	Kegaska, Canada	
53.	Seyward Fraiha	sunrise, FL	
54.	Jennifer anderson	Kamloops, Canada	
55.	Crystal Cutter	Puyallup, WA	
56.	Shambie Cooper	Cocoa Beach, FL	
57.	Denise Samson	Sartell, MN	
58.	Doreen Pretty	Niagara Falls, Canada	
59.	Anthony Samsel	Deerfield, NH	
60.	Diana Byron	Auburn, MA	
61.	Florence Wofford	Riverside, CA	
62.	ken walker	hungerford, United Kingdom	
63.	Sarah Mason	Exeter, NH	
64.	monica lopez	Dallas, TX	
65.	Donna Martz	Everett, WA	
66.	Uta Simma	Wien, Austria	
67.	Palma Radziunas	Los Angeles, CA	Be responsible for your good health and the health of your children
68.	Arianna McFadden	Burlington, NJ	
69.	William Brooks	Sacramento, CA	

	Name	From	Comments
70.	Michelle Blake	Kapaa, HI	
71.	Claudia Ends	Brodhead, WI	
72.	Holly Waltz	Portland, IN	
73.	John Burnley	Riverhead, NY	This is an extremely serious matter.
74.	marion lebeau	Ottawa, Canada	
75.	carmalita robinson	arlington, TX	
76.	LARRY COSGRAVE	N. Wiltshire, Canada	
77.	annette pappas	brockton, MA	
78.	Andrea Pfisterer	Ballwin, MO	
79.	Jennifer Zeller	Galt, CA	
80.	Jane Reding	Montgomery, AL	
81.	GZ	Blakeslee, PA	
82.	Lisa Gladstone	Portland, OR	
83.	Jennifer White	Toronto, Canada	I want to know how much glyphosate is circulating in my food, body and land
84.	Stephen Lindsay	Blackfalds, Canada	
85.	Caroline Erger-Jarvis	Bowmanville, Canada	
86.	Charmaine Lindsay	Blackfalds, Canada	
87.	john Shamchuk	edmonton, Canada	
88.	David Mitchell	Montreal, Canada	
89.	alis castano	Mississauga, Canada	
90.	Heather Edin	Edmonton, Canada	
91.	Jazz Dolan	Tucson, AZ	
92.	stephen hunt	blackfalds, Canada	
93.	Stephanie Seneff	Winchester, MA	I believe that glyphosate will destroy our children's health and the political health of the US and Canada as well, if we don't make every effort to get rid of glyphosate in the food chain right now. MD's can play a positive role in promoting change by taking action to find out how bad the problem is.
94.	TM Dolan	Pie Town, NM	
95.	Norma Butz	Dewberry, Canada	
96.	Bonnie Atkins	Tracy, CA	Taking initiative and not kickbacks should be part of the Doctors credo too! Bring back Holistic choices that work better then todays Big Pharmaceuticals My Grandfather was a pharmacist and is probably spinning in his grave at some of the junk marketed by big box drug (chemical) companies today!

	Name	From	Comments
97.	Julie Bachelder	Portland, ME	
98.	Catherine Hoyt	Windsor, VT	Too many of my friends and family either have or have died from cancer. Does glyphosate have a role in this? Let's test to find out.
99.	Karen Parent	Spruce Grove, Canada	
100.	colleen mycroft	Newcastle, Canada	
101.	S Akbar	Mason, OH	
102.	Katie Pipak	Mt. Pleasant, PA	
103.	Susan Poitras	Albany, NY	
104.	Lisa Fraser	Burnaby, Canada	
105.	Mary Ann Laing	Winnipeg, Canada	Let's get to the bottom of why people are sick instead of just prescribing pills to alleviate the symptoms without fixing the problem. Too many doctors these days are merely pill-pushers not healers.
106.	Vicky Pitchford	Toronto, Canada	
107.	Don and Carol Walden	Mt. Vernon, IA	
108.	Jackie Bodiou	Ownensboro, KY	
109.	Tracei Cagle	Davis, OK	
110.	Vera Hofmann	Edmonton, Canada	
111.	Dianne de Vienne	New Orleans, LA	
112.	josephine cooper	Delta, Canada	
113.	Eloa Doner	Brampton, Canada	
114.	Evelyn DeCaire	Battle Creek, MI	It is way past time that Dr.'s begin helping with the symptoms of poisoning.
115.	Rebecca Borrell	Houston, TX	
116.	Bonnie Wright	Salem, NH	Founder, NH Right to Know GMO
117.	Natalie Paffrath	mission Viejo, CA	
118.	shonda Holt	Edmonton, Canada	
119.	Hugh Halliday	Taumarunui, New Zealand	
120.	Kimberly Porlier	Morinville, Canada	
121.	Jill Ferguson	Dana Point, CA	Please - we need more professionals to legitimize rather than overlook the harm being done through glyphosate poisoning.
122.	Renee Porcellini	Newfield, NJ	
123.	Nikki Norberg	Seattle, WA	
124.	Mike O'Day	Runcorn, United Kingdom	

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	Name	From	Comments
125.	Jennica Tait	Lake In The Hills, IL	
126.	Margaret Maupin	Kalaheo, HI	
127.	Jane Taylor	Kamuela, HI	
128.	KARLA AXTEN	Truckee, CA	
129.	Ivan Pointer	Stamford, United Kingdom	signed for myself, my family and Dr. Sudhir Kumar Kaura (deceased) of Haryana, India whose legacy testifies to the reality of glyphosate poisoning.
130.	Bridget O'Brien	Seattle, WA	
131.	susan brown	La Mesa, CA	Monsanto's toxic herbicide RoundUp and glyphosate (an ingredient in RoundUp) are appearing in breast milk. Countless mothers across the country (and more) are outraged. http://naturalsociety.com/roundup-breast-milk-moms-say/ The Michigan State Medical Association passed a resolution to support the labeling of genetically modified foods. YAY for Michigan! But wait! The same resolution was submitted to the AMA - and it got no support?????? Why Not?
132.	JK Pasa	Hilo, HI	
133.	Persephone Maywald	Orinda, CA	
134.	Mitsuko Hayakawa	pearl city, HI	
135.	Maria Latino	St James, NY	
137.	Violet Sunderland	Dallas, OR	This is imperative! We must get free of the strangle hold we've been placed in.
138.	Carol Hamilton	Mora, MN	
139.	Maethese Cassar	Gudja, Malta	
140.	Maurice Ryton	Edmonton, Canada	
141.	Janice McMullen	Rochester, NY	PLEASE do the responsible thing!! I am sick with inflammatory bowel disease and I know it started here!
142.	Miranda Duckworth	Plant City, FL	
143.	samantha james	phila, PA	class action suits !for poisoning us .
144.	Felicia Miley	Charlotte, NC	
145.	Stein Enzo Rizzuti	Oslo, Norway	
146.	maggie kleinfeld	falmouth, ME	
147.	joss iles	spruce grove, Canada	
148.	giada gesualdi	pontassieve, Italy	
149.	Laurie Olson	Port Orchard, WA	This is long overdue. We absolutely need this testing done now.

	Name	From	Comments
150.	Pam Boland	Grovetown, GA	
151.	Melissa Laste	Concord, NC	
152.	Elaine Wilson	Torrance, CA	
153.	Sarah Baird	Cold Lake, Canada	
154.	Ann Evans	makawao, HI	WHY would it not be done? a simple urine test. SIMPLE.
155.	Rebecca Wentworth	Blue Hill, ME	A no brainer solution
156.	simona amiet	manchester, NH	German testing company has tested various countries in Europe finding some people with very high content of glyphosate in their urine, now imagine USA the country of the highest GMO glyphosate spraying how severe high levels in patients that must be. It is well known that glyphosates create health risks, not only in humans but also livestock and the rest of nature. It should be imperative to recognize that glyphosate is a culprit of many sicknesses. EPA isn't protecting anyone but corporations who use it. If a doctor's work is to help he must find out! http://www.aaemonline.org/gmopost.html, http://www.globalresearch.ca/monsanto-roundup-the-impacts-of-gly
157.	Erin Hampshire	Davidsonville, MD	
158.	nancy strong	cornville, AZ	
159.	Lori Higa	Kaneohe, HI	
160.	William Newman	Austin, TX	Teacher since 1986.
161.	Sonja Myllymaki	Edmonton, Canada	
162.	claudia rice	honolulu, HI	
163.	Carla Pratas	Amora, Portugal	
164.	Beverly Goldie	Sequim, WA	
165.	Arielle Black-Foley	Lexington, MA	
166.	Diana Vogel	Oxford, MA	
167.	William Anderson	Crossville, TN	
168.	Jane Vieira	New Bedford, MA	
169.	Selena Withrow	Centerpoint, IN	
170.	Gloria Lewis	Waterloo, NY	
171.	Bea Bernhausen	Vancouver, Canada	
172.	Maria Merced	W Spfld, MA	
173.	Sally Geisel	Springfield, MA	
174.	Irene Leung	Bridgewater, NJ	I am very concerned about the widespread use of RoundUp, which is prominently displayed in the big garden centers, and its' use on the food crops

	Name	From	Comments
175.	Courtney Clausen	Fenton, MI	
176.	Michael Rose	Juneau, AK	Architects also demand action:
177.	Denise Willey	Dunsmuir, CA	
178.	Kim Louie	Aliso Viejo, CA	
179.	Jonnah Knox	Wauna, WA	
180.	Marcy Goetz-Than	Thornton, CO	
181.	Meghan Swann	hampton, GA	
182.	Marina Nemeth	Christchurch, New Zealand	
183.	Lisa Martin	North Port, FL	
184.	Amy Haney	Canton, GA	
185.	Lisa Kimmel	Stevens Point, WI	
186.	Nilgun Coleri	Isparta, Turkey	
187.	Arthur Tesla	Petaluma, CA	
188.	Lisa Bell	Groton, NY	
189.	Dave Reed	Hoquiam, WA	
190.	Sheena Good	lancaster, PA	
191.	joslyn Elliott	spring hill, FL	
192.	Jennifer Arbach	Apalachin, NY	
193.	Deb Meeker	Newfield, NY	Doctors and professional heath care members: Will you stand up for your oath of healing and doing no harm? Please support the effort to stop the use of GMOs and use of glyphosate being allowed on our food. Thank you
194.	m laliotis	windrmer, Canada	no more violation with chemicals
195.	Alessandra Fernandes	Sao Vicente, Brazil	
196.	Joan Mootry	Spokane, WA	
197.	Ruth Williams	Groton, NY	
198.	Melissa Dunn	Loveland, OH	
199.	Joan Roth	Decatur, IN	It is my right as a consumer to know where my food originated, and what is in it. I want proof that my Government works for me.
200.	sharon willieford	kailua-kona, HI	I am suffering from ORGANOPHOSPHATE POISONING (golf course chemicals dumped on me over years) IT IS SO VERY PAINFUL! Please protect the children!
201.	Racha Marbini	new york, NY	Do not poison us!!!!
203.	A Moe	Portland, OR	

	Name	From	Comments
204.	Randi Hofmann	Skokie, IL	This is urgent. There are pregnant women out there that could have this now. Babies born sick. This is a must
205.	Tabatha Pinkston	Honolulu, HI	This will also help in research, if you really want to help the world, let's start now!
206.	Peter Meixler	Attleboro, MA	
207.	Ellyn Darrah	Reno, NV	
208.	Elizabeth DAgostino	Baldwin, NY	
209.	Sherra Franklin	wilmington, NC	
210.	RENA TRACI LAWRENCE	Lethbridge, Canada	
211.	Matthieu Cameron	Alexandria, Canada	My family wants to test for Glyphosate in our blood and urine. We demand this testing.
212.	Dawne Ruotjackson	Willi, CT	
213.	Leslie Cucino	Foster, RI	
214.	Sharon Schmaltz	ortonville, MI	
215.	Lorne Kelso	Fitzroy North, Australia	
217.	Pamela Knighten	Santa Rosa, CA	
218.	Rhonda Lipsky	Hull, MA	
219.	Sheila Ziesmer	Ironton, MN	
220.	Silvia Marin	Montreal, Canada	
221.	Guy Bolduc	Montréal, Canada	
222.	Elizabeth Alfieri	Rochester, NY	
223.	Leah Rock	seville, OH	
224.	Karin Hannah	Murwillumbah, Australia	
225.	suzan morhead	onalaska, WA	
226.	Justin Burtsell	Henderson, NV	
227.	JOANN THOMPSON	CATHEDRAL CITY, CA	Long overdue please make informed decisions for your patients and for yourselves. Use your influence to reject our chemical air, food and toxic waterways. DO something, won't you?
228.	pascale FELTESSE	Chevaigné, France	
229.	Siv Pierson	Yucca Valley, CA	
230.	Debbie Kealey	Bby, Canada	
231.	Geir Loseth	Toensberg, Norway	
232.	David Pollock	Issaquah, WA	

	Name	From	Comments
233.	Theresa Dobson	Issaquah, WA	
234.	Lynn Harris	Wilmington, NC	
235.	Jeanne Watts	Quincy, MA	Every doctor should be addressing this with their patients and helping them to detox their systems BEFORE they offer any medications
236.	Bruce Godfrey	Omaha, NE	
237.	James Maskell - Host Evolution	Brooklyn, NY	
238.	Sara Linton	Schenectady, NY	
239.	Shelley Linteau	Notre Dame, Canada	
240.	Alexander Nelson DC	Lisle, IL	
241.	Sarah Wolfe	Belchertown, MA	
242.	JoDee Braeme Vale	Prescott, AZ	
243.	Shelli Piva	Santa Rosa, CA	
244.	la Davitmgvdlishvili	Brooklyn, NY	
245.	Wendy Nawara	Naperville, IL	
246.	Anna Skaar	Notteroy, Norway	
247.	Genevieve White	Indio, CA	This is so important! I'm glad to see this and hope more medical professionals begin adopting these standards - and that perhaps the government will stand up and listen to us.
248.	Cherylena Simmonds	Bellevue, WA	
249.	Laurel Griffin, D.C.	Des Moines, IA	
250.	Ola Johansson	Borås, Sweden	
251.	Julie Burk	Paragould, AR	
252.	Nancy Rosado	Elmhurst, NY	
253.	Lauren Riley	Marietta, GA	
254.	Yinhsu Liu, ND, RD	Rego Park, NY	
255.	danais torres	oakland, CA	Respect our wishes and our children.
256.	Ellen Bridges	Eugene, OR	Please let all Americans be healthy! I totally changed my health by eating real non-GMO food. Please STOP the glyphosate poisoning. Sincerely Ellen Bridges A MOM
257.	Michele Hood	Tallahassee, FL	
258.	Gabriella Rivera	Dorado, PR	
259.	Kim Alarie	Rapid City, SD	

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	Name	From	Comments
260.	Julie Gould	Phila, PA	Comments
	Marothy		
261.	Shannan O'Hara-Levi, LMSW	Staten Island, NY	
262.	Robert Lewis	Boulder Creek, CA	Currently Suffering from Chronic Diseases
263.	Carrie Brettholtz	hopewell junction, NY	
264.	amanda walsh	new york, NY	
265.	ADELAIDE B FORREST	COVENTRY, RI	
266.	Diana Walsh	Staten Island, NY	
267.	Tanya Hawley	Jenison, MI	How can We report an illness due to GMOs or glyphosate poisoning if it remains unlabeled on our foods? We CAN'T!! Support labeling NOW, save a life, it's your job for Pete's sake.
268.	Jordan Embree	Centennial, CO	
269.	Hent Catalina-Maria	Bucuresti, Romania	
270.	Keith Williams	Hampton, GA	
271.	Rebecca Roybal	Mukilteo, WA	Will research further and discuss with my doctor.
272.	Jennifer Falcone	Staten Island, NY	
273.	kathleen mathis	jax, FL	
274.	Kristy Hall, Holistic Nutrition	Berthoud, CO	
275.	Rachel Fitchett	Almont, MI	PLEASE get educated on this matter!!!
276.	Nancy Sanderson	Charlotte, NC	
277.	Jean Liss	Oakdale, MN	people first, corporations last.
278.	Robert Hampton	Saint-Ignace de Stanbridge, Canada	Look, I've been a sufferer of some of the chronic conditions that have been laid out in the letter and document. To have so much simply due to bad genes seems suspicious and I would tend to think there is more at play. With all the toxicity being spewed into the world, with the lack of proper legislation and the infinite greed of those in power, you are destroying us all. What's the point in ownership if there's nothing left to own? Yes, I do understand the economic factors. But the economy is drastically failing as it is and there is certainly room for innovation and implementation for safer crops, energy, creating new jobs while reducing waste. Fossil fuels do need to go the way of the dinosaur (pardon the pun). We need pro active government officials and agencies to prevent multiple atrocities while trying to find a suitable arrangement for all people and their interests. Profit margins can be held up but it does require <i>(continues on next page)</i>

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	Name	From	Comments
278.	Robert Hampton	Saint-Ignace de Stanbridge, Canada	(continued from previous page) some research and some risk. This is a new world. Let's clean up the old one enough so it can survive. Be a part of the solution rather than part of the problem. Smarten up!
279.	Mary Penzer	Flint, MI	
280.	Patricia McQuaid	Hunter River, Canada	
281.	beth smith	Mount Vernon, IA	
282.	Marco Watkins	Boulder, CO	GLYPHOSATE Doesn't just kill weeds!!!
283.	Judy Ostrowski	Minneapolis, MN	
284.	David Green	Santa Monica, CA	
285.	Tara McLean	estevan, Canada	
286.	Karina Tarpinian	Marseille, France	
287.	Mandi Tr	Saratoga, CA	
288.	wendy smith	Nelson, United Kingdom	
289.	Suzan Toma	Sittard, Netherlands	
290.	chantal wolf alf	puglia, Italy	
291.	Ellen Cripps	Oneida, TN	
292.	manuela wolter	san-jose, Costa Rica	
293.	juani pons	england, Spain	
294.	susanne hisvåls	leksand, Sweden	
295.	Mark Bastian	Helston, United Kingdom	
296.	Alexandr Yantselovskiy	Vyshneve, Ukraine	
297.	Gemma Drake	Costa Mesa, CA	
298.	MARIE MANHARDT	ARLINGTON HTS, IL	
299.	Louise Dunn	Mandurah, Australia	
300.	Paolo Zambon	Orsago, Italy	
301.	Cara Riley	No, Australia	
302.	tamara deans	way, Australia	
303.	Helene Kippert	Northcliffe, Australia	
304.	Susanna Minacheili	Thessaloniki, Greece	
305.	Pearl Rogers	Perth, Australia	
306.	Melinda Hughes	Golden Bay, Australia	
307.	Karen Mariner	Glen Forrest, Australia	

	Name	From	Comments
308.	Karen Ferreira	Las Vegas, NV	
309.	Jane Mackie	Isleworth, United Kingdom	Please start testing patients for GLYPHOSATE poisoning, people have a right to know if what they are eating is making them sick
310.	Cheryl Rostron	Goolwa, Australia	
311.	franya lummas	Perth, Australia	
312.	Stefano Barbaresco	Rome, Italy	
313.	Maud Nilsson	Grästorp, Sweden	
314.	Paul Longva	Bayswater, Australia	
315.	John de Kuyper	Lewes, DE	
316.	Willem Kom	Hoogezand, Netherlands	
317.	Corinne Coombs	Mandurah, Australia	
318.	JAVIER Garc?a	Leganés, Spain	
319.	Ted Williams	Ralls, TX	
320.	Camilla Giardini	°_°, Italy	
321.	tracy horsfall	surrey, United Kingdom	
322.	kellie mcleod	bury, United Kingdom	
323.	RUCHI sharma	delhi, India	
324.	Nina Camfferman	Mount Helena, Australia	
325.	viviane verbruggen	antwerp, Belgium	
326.	Celine duburg	Montevideo, Uruguay	
327.	Maria Virgil	Miami, FL	
328.	Rachael McDonald	Clifton, VA	
329.	Nelda Emmons	Deltona, FL	
330.	samer issa	Antelias, Lebanon	
331.	Irene Bendhiba	Köln, Germany	
332.	julie brownless	newport, United Kingdom	
333.	Teresa Bechtold	St Cloud, MN	
334.	Veronica Smith	Richmond, KY	
335.	Marcella Caravaglios	Messina, Italy	
336.	Tracy Wooding	Brisbane, Australia	
337.	Maria Schulz	Timisoara, Romania	

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	Name	From	Comments
338.	Margaret Hincks	Strathalbyn, Australia	
339.	Tracie Bleines	airlie beach, Australia	
340.	marisol melgarejo	Hoorn, Netherlands	
341.	Maria Teresa Schollhorn	Buenos Aires, Argentina	
342.	Eleanor Frida-Kahlo	Stratton, Australia	
343.	Janet Grogan	Karrinyup, Australia	
344.	vincent easton	Seoul, Korea, Republic Of	
345.	Kelly Duckworth	White gum valley, Australia	
346.	Liza Ruiz	Kimball, MI	
348.	Coral Florence	Melbourne, Australia	
349.	Cheryl McKinley	Redding, CA	
350.	lorraine buffalini	baden, PA	
351.	Jennifer Teusch	Colorado Springs, CO	
353.	Debra DiGiacomandrea	St. Petersburg, FL	Functional medicine professionals and alternative complimentary medicine physicians already attempt to determine toxic exposures, vitamin levels, etc. in patients; and it is time for ALL physicians to add more thorough testing procedures to standard protocols. Please develop tests for determining glyphosate levels
354.	Benjamin Colodzin	Bolinas, CA	
355.	Kasey Caldwell	San Diego, CA	
356.	terri rementeria	ochopee, FL	
357.	Jane Abrams	Denton, TX	
358.	Adam Rollins	Cambridge, MA	
359.	Debra Sibley	Fresno, CA	
360.	fabiana capello	newark, NJ	
361.	wendy brookes	Fife, United Kingdom	
362.	Ermelle Barbarin	L.A., CA	
363.	Cara Read	Melbourne, FL	
364.	Nancy Ward	Sheboygan, WI	
365.	Marsha Hebbeler	Havana, FL	
366.	Patience Roper	Morrow, GA	
367.	Theresa Nelson	Oneonta, AL	
368.	Stephanie Howard	Louisville, KY	

	Name	From	Comments
369.	Dawn Wickett-Swirczek	Magnolia, TX	

Reading, PA

370.

Donna Ott

This is essential for our health, while I don't know much about Glyphosate Testing I can tell you that what we eat, especially food with GMO's has a pretty clear effect on my family's health. We started eating mostly organic food or at least natural, minimally processed traditional diet about 14 years ago, in a (successful) attempt to help manage medical problems in several family members. These problems were not responding well to treatment at large teaching hospitals. The problems included Crohn's. Eosinophilic Colitis, multiple food allergies, low bone density, severe migraines with neurological symptoms, and more. Changing our diet and eliminating chemicals in our home facilitated a complete recovery for all, with a side effect of one family member's asthma disappearing. About 6 years ago for financial and other reasons, we were unable to continue with this diet and many of us gradually got sick again - a Crohn's flare, asthma returned, severe, very difficult to treat migraines returned in one family member after complete absence of them on an organic diet, and our youngest developed a severe form of migraine and sensitivity to gluten and sugar. One family member developed an undiagnosed but well documented neuromuscular problem - 3 ER visits and many followup appointments. Many of these problems continued for months despite the best medical care from physicians at large well known teaching hospitals and removing gluten, sugar and attempting to buy natural or organic food. In the end, a mostly organic, traditional diet gradually worked again although some of the problems were extremely difficult to treat and not responding to diet as in the past, or so I thought. Then, I discovered that GMO's were in the "natural" foods I was buying in the grocery store. These unlabeled GMOs were having a very clear effect on our health because since I discovered this. I started shopping only at Trader Joe's (store label only) and organic farms. I no longer buy beef, chicken or eggs from animals fed GMO corn, soy. I am only buying organic and we are now off nearly ALL of our medicines. We're in better health, able to eat a wider variety of foods now (one family member now can have some food with wheat and sugar, and does not get sick as a result, though we don't let her do that often.) Its time to take an honest look at what GMOs are doing to us, whether its the genetic modification, the increased use of pesticides or both, we deserve to have our health back. And its time that all doctors begin to realize the seriousness of the effect of diet on at least some of us. The risks are there and it is unfair that we are subject to them (continues on next page)

	Name	From	Comments
370.	Donna Ott	Reading, PA	while so many other countries (65) are protecting their citizens. We need help and protection too. We need long term safety studies before things like GMOs and new pesticides are used, especially in such a widespread manner. What is going to happen to us with long term, repeated daily exposure of GMOs and pesticide residues, especially given the animals studies showing concern? While not all may be as sensitive to this, if 10,000 moms can organize so quickly, with such concern and without widespread publicity (I had no idea until I read they had gone to the EPA), this is obviously a problem. And there are many others out there. I know many affected by this who were not in the Moms Across America and I am told we are NOT alone. Please give families like ours a chance to be healthy. We need strong advocates for food labeling or perhaps banning GMO as France and other countries have done. How many people must be sickened before something is done? Not everyone lives near a Trader Joe's and can afford organic food. We need a safe, accessible food supply for all and physicians who understand the problems we are facing and are willing to help us. I am very thankful to have such physicians who were able to help us return to good health, and a grocery store, Trader Joe's, to shop at for affordable, safe food. Though it is an hour away its clearly worth it to make the drive for groceries. Our local large chain store wanted me to call about every item labeled "natural" if I wanted to know whether there were GMO ingredients! It is too difficult to shop that way. Tylenol and Motrin also may contain GMO ingredients, it takes weeks to find out if a bottle has GMO corn in it. Finding out is a very long, difficult process. Please take a stand on this, as medical professionals and physicians we desperately need your help.
371.	J Guzzo	Delta, Canada	
372.	Fran away Fulwiler	Portland, OR	
373.	Jean-Alain VERDELLET	Toulouse, France	
374.	Tania Lhotsky	Monument Park, South Africa	
375.	Ellie Kirchner	Puyallup, WA	
376.	Betty Brady	Richland, WA	

Malmsbury, Australia

Clarksville, TN

377.

378.

Raymond

Sundblom

Dawn Stone

	Name	From	Comments
379.	Monica Lopez	sf, CA	Help us do everything possible to protect future generations from the long term effects associated with toxins. PREVENTION!
380.	Val Mitschke	Middlesex, United Kingdom	
381.	Dawn Brisco	Broomfiled, CO	
382.	A Sermon	Esperance, Australia	
383.	jennifer berman diaz	miami beach, FL	
384.	Elise Gondard	Toronto, Canada	
385.	N. Atsiz	Waterloo, Canada	
386.	Grace Tavares	mississauga, Canada	
387.	Bugra Atsiz	Waterloo, Canada	
388.	Sibel Sel	Istanbul, Turkey	
389.	Ina Apse	Nyork, Canada	
390.	Sherri Avery	St.Thomas, Canada	
391.	Karl Adhihetty	Ajax, Canada	
392.	Julie Carter	Kamuela, HI	
393.	Elizabeth Ward	Mississauga, Canada	
394.	Abbey Mendelson	Toronto, Canada	
395.	debbie kujawski	Menomonee Falls, WI	We KNOW what is making us sick. Stop just pushing pills and start recognizing the cause. Glyphosate testing and testing for other man made toxins is critical to our health and to making the CHANGES necessary to better health for all.
396.	Sara De Ruyter	Green Bay, WI	
397.	ellaina signorotto	kimberley, Canada	
398.	marilyn milam	new orleans, LA	PLEASE1
399.	J. Gordon	Covina, CA	
400.	Jeannette Ray	Ocean Springs, MS	Medical Professionals: Test Patients For GLYPHOSATE Poisoning
401.	Macaulay Hutchinson	San Francisco, CA	
402.	Carol Grieve	Woodland Park, CO	
403.	Debbie Morton	Georgetown, Canada	It is not ok to poison me and assume that I will not object!
404.	Thomas Arceneaux	Titusville, FL	
405.	Alex Redman	Montreal, Canada	
406.	Michael May	Rolling Hills Estates, CA	Putting poison in the food chain is assault and attempted murder by the suppliers of these dangerous chemicals.

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	Name	From	Comments
407.	Cynthia Church	Pensacola, FL	
408.	Sandra DeSantis	Warren, MA	
409.	Rosa Rashall	Whitethorn, CA	
410.	deilah st louis	Sarnia, Canada	
411.	Sherry Meskey	Toronto, Canada	
412.	William Nelson	Phoenix, AZ	
413.	Alicia Duff	North Dartmouth, MA	
414.	Jo Walter	Bremerton, WA	
415.	Kathryn Irby	Gulfport, MS	
416.	Andre Correia	Tabua, Portugal	
417.	Elaine Heathcoat	Cherokee, NC	