

# RAYMOND SINGER, PH.D.

*A Professional Association*

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## Vita: Raymond Singer, Ph.D.<sup>1</sup>

Biographical Sketch .....	2
Education And Degrees .....	3
Post-Doctoral Education In Environmental Epidemiology And Effects Of Toxic Substances On The Nervous System .....	3
Post-Doctoral Education In Biological Psychiatry .....	3
National Institutes Of Health Award .....	4
Board Certification.....	4
Fellowship Honors .....	4
Professional Organizations .....	5
Professional Experience.....	5
Biographical Listings .....	7
Book.....	7
Book Chapters Or Contributions .....	8
Scientific Journal Articles.....	8
Published Reviewer/Editor .....	9
Professional Articles .....	9
Extended Abstracts .....	10
Abstracts .....	10
Professional Lectures .....	13
Scientific And Professional Papers And Presentations.....	14
Professional Workshops And Courses Presented .....	19
National Institute Of Health Reports .....	21
Published Interviews.....	21
Book Consulting Editor .....	21
Appearances, Testimony And Work For Legislatures.....	22
Articles, Radio And Appearances For The General Public .....	22
Doctoral Dissertation .....	23
Additional Professional Training.....	24
Musical Activities .....	24

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<sup>1</sup> July 14, 2023

## BIOGRAPHICAL SKETCH

Dr. Raymond Singer is a Forensic and Clinical Neuropsychologist, certified by the **American Board of Professional Neuropsychology - with Added Forensic Qualifications** - and an Applied Neurotoxicologist. He earned a doctorate in Psychology from Washington State University in 1978 and was a Postdoctoral Fellow in Biological Psychiatry at New York University Medical School in 1978. He was a National Institute of Environmental Health Sciences Post-Doctoral Fellow in Environmental Epidemiology, Mount Sinai School of Medicine, New York City (1979-1981), and a Fellow of the Department of Community Medicine (1981-1982), where he specialized in applied neurotoxicology.

While at Mt. Sinai, Dr. Singer was supervised by Dr. Irving J. Selikoff, one of the world's most influential public health physicians to this day. Dr. Selikoff was the scientist who brought asbestos to the world's attention. Following that success, until the end of his work life, Dr. Selikoff researched and emphasized the adverse health effects of chronic low-level toxic chemical exposures, including neurotoxicity.

A 30-year member of the Society of Toxicology, Dr. Singer has served as an elected officer in two specialty sections of that society (Ethical, Legal, and Social Issues, and Clinical and Translational Toxicology). As a member of the Roundtable of Toxicology Consultants (one of the world's largest associations of independent toxicologists), Dr. Singer served from 1993-1999 in the elected offices of President, Vice-President, and Treasurer.

For distinguished professional contributions, Dr. Singer has been awarded the title "Fellow" of several organizations: the American Psychological Association, the Association of Psychological Societies, the American College of Professional Neuropsychology, and the National Academy of Neuropsychology.

Dr. Singer's research has been presented in various venues, including peer-reviewed publications and presentations. He has taught courses, seminars, and workshops to numerous professional, medical, and scientific organizations. His published research work has been cited at least 246 times since the year 2002.<sup>2</sup>

Dr. Singer has triple expertise in neuropsychology, neurotoxicology and forensic applications. He has been a consultant in neuropsychology and neurotoxicology since 1983 and has given expert testimony in over 100 civil and criminal cases in numerous state and Federal courts, including some landmark litigation. He was unanimously qualified by the Ohio State Supreme Court to testify regarding neurotoxicology, the opinion cited 10 times as of the year 2022.<sup>3</sup> A precedent-setting forensic neurotoxicology methodology case in which he served as the principal expert witness has been cited 427 times as of the year 2022.<sup>4</sup> In that case, the United States Federal Appeals Court unanimously decided that "Dr. Singer's methodology was scientifically valid",

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<sup>2</sup><https://www.researchgate.net/profile/Raymond-Singer-2/stats>

<sup>3</sup>In *Shilling v. Mobile Analytical Services, Inc.* (1992), 65 Ohio St.3d 252; [https://casetext.com/search?PHONE\\_NUMBER\\_GROUP=P&sort=relevance&q=shilling%20versus%20mobile%20technologies&p=1&tab=keyword&jxs=ohsct&type=case](https://casetext.com/search?PHONE_NUMBER_GROUP=P&sort=relevance&q=shilling%20versus%20mobile%20technologies&p=1&tab=keyword&jxs=ohsct&type=case)

<sup>4</sup>[https://casetext.com/case/bonner-v-isp-tech/how-cited?PHONE\\_NUMBER\\_GROUP=P&citingPage=1&sort=relevance](https://casetext.com/case/bonner-v-isp-tech/how-cited?PHONE_NUMBER_GROUP=P&citingPage=1&sort=relevance)

and that even if the scientific literature was incomplete, it may be reasonable for an expert to reach a valid expert opinion in an individual case.<sup>5</sup>

Dr. Singer has served as a consultant and expert witness in various criminal law cases in several state courts and Federal jurisdictions since 2001, assisting judges and juries to understand the potentially deleterious effects of neurotoxic chemicals and psychiatric drugs on human behavior. These offenses include murder, mass murder, attempted murder, and theft, involving defenses including not guilty by reason of temporary insanity or involuntary intoxication, impaired competence to voluntarily commit a crime, and death penalty mitigation factors.

Dr. Singer's work regarding neurotoxicity factors of a capital crime case has been relied upon by United States Supreme Court Justices in a written opinion of 2016. This opinion has been cited 6 times as of 2022.<sup>6</sup>

## EDUCATION AND DEGREES

<u>Degree</u>	<u>Institution</u>	<u>Year</u>	<u>Department</u>
Doctor of Philosophy	Washington State University	1978	Psychology
Master of Science	Washington State University	1975	Psychology
Bachelor of Arts	University of Rochester	1972	Psychology
	Hebrew University, Jerusalem	1971	
	University of California, Los Angeles	1969	
High School	Central High School, Philadelphia, Penn. <sup>7</sup>	1968	

## POST-DOCTORAL EDUCATION IN ENVIRONMENTAL EPIDEMIOLOGY AND EFFECTS OF TOXIC SUBSTANCES ON THE NERVOUS SYSTEM

1981 - 1982 Fellow, Mount Sinai School of Medicine, Department of Community Medicine, Environmental Sciences Laboratory, New York City

1979 - 1981 National Institute of Health, Environmental Health Sciences, Post-Doctoral Fellow in Environmental Epidemiology, Mount Sinai School of Medicine, New York City

## POST-DOCTORAL EDUCATION IN BIOLOGICAL PSYCHIATRY

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<sup>5</sup><https://casetext.com/case/bonner-v-isp-tech>, retrieved 2/16/2022. "We have held, however, that '[t]he first several victims of a new toxic tort should not be barred from having their day in court simply because the medical literature, which will eventually show the connection between the victims' condition and the toxic substance, has not yet been completed."

<sup>6</sup><https://casetext.com/case/elmore-v-holbrook>

<sup>7</sup>Central High School is the second oldest continuously public high school in the United States and is regarded as one of the top public schools in the nation due to its high academic standards.  
<https://centralhs.philasd.org/about-central-high-school/about-us-2/>

1978 National Institute of Health Post-Doctoral Fellow in Biological Psychiatry, Millhauser Laboratory, New York University Medical Center, New York City

## NATIONAL INSTITUTES OF HEALTH AWARD

1972 - 1976 National Institute of Health, National Research Service Award. Researched vision and sensory processes and served as a teaching assistant in Sensory Psychology.

## BOARD CERTIFICATION

Diplomate in Neuropsychology with Added Qualification in Forensic Neuropsychology, American Board of Professional Neuropsychology  
Psychology licenses, New Mexico and New York

## FELLOWSHIP HONORS

Fellow, National Academy of Neuropsychology. Designated for “significant contributions to the Science and Profession of Neuropsychology”, June 30, 2004. “Fellow status is the highest honor that the National Academy of Neuropsychology bestows upon members. Fellows are members of the academy who have demonstrated evidence of advancing the science and profession of clinical neuropsychology.”<sup>8</sup>

Fellow, American College of Professional Neuropsychology (FACPN).

Fellow, American Psychological Association. Awarded in recognition of “outstanding, substantial and unusual contribution to psychology” in both divisions of General Psychology and Psychologists in Independent Practice.

Fellow, Association for Psychological Science (formerly the American Psychological Society). Permanently designated in 1992 for “Distinguished Contributions to Psychological Science”.

### Appointment

Approved New Mexico Worker’s Compensation Independent Medical Examination Provider,<sup>9</sup> June 16, 2011.

### Some notable professional contributions

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<sup>8</sup>[http://nanonline.org/NAN/\\_AboutNAN/NAN\\_Fellows.aspx](http://nanonline.org/NAN/_AboutNAN/NAN_Fellows.aspx)

<sup>9</sup>Per New Mexico Law 52-1-2, an Advisory Council establishes the Independent Medical Examination Provider Selection Committee that designates health care providers “...whose judgements are respected, or not objected to, by recognized representatives of both employer and worker interests and whose judgements are not perceived to favor any particular interest group.” As of August 2012, 59 such providers have been designated in New Mexico.

Selected presentation for Forensic Grand Rounds, *Forensic Evaluation of a Mold (Repeated Water Intrusions) Neurotoxicity Case*. National Academy of Neuropsychology, 25<sup>th</sup> Annual Meeting, Tampa, Florida, October 22, 2005.

Selected presentation for Adult Grand Rounds, *Neurotoxicity Evaluation of a New Commercial Solvent*. National Academy of Neuropsychology, 21<sup>st</sup> Annual Meeting, San Francisco, California, October 31, 2001.

## PROFESSIONAL ORGANIZATIONS

American Academy of Clinical Toxicology (Former member)  
American Board of Professional Neuropsychology  
American College of Toxicology (Former member)  
American Industrial Hygiene Association (Former member)  
American Psychological Association  
International Neuropsychology Society (Former member)  
International Neurotoxicology Association  
National Academy of Neuropsychology  
Roundtable of Toxicology Consultants: Treasurer, 1997-99; Vice-President, 1993-94; President, 1995-96  
Society of Toxicology (30 Year Member): Councilor: Ethical, Legal, and Social Issues Specialty Section, 2011-2013; Councilor: Clinical and Translational Toxicology, 2012-2013.

## PROFESSIONAL EXPERIENCE

Current -1983	Neuropsychological, neurobehavioral and neurotoxicological diagnostics; Expert witness in toxic chemical litigation
Current -2011	New Mexico Worker's Compensation Independent Medical Examiner; referral work assignments from various employers, including the New Mexico state government.
2022 - 2010	Independent Medical Peer review consultant and Independent Medical Examiner for insurance companies and their agents including AIG, Liberty Mutual, Prudential, CIGNA, State Farm Insurance, Texas Department of Insurance, UNUM, UNUM Disability (2019), Paul Revere, State Farm Insurance, Disability Exam Consultants, MLS Group of Companies, Inc. and Dane Street.
Current - 2013	Editorial Board, Applied Neuropsychology: Adult (scientific journal)
Current - 2014	Associate Editor, Radiation and Health section of Frontiers in Public Health, part of the Nature Publishing Group family.
2023-	Consultant, Federal Public Defender for the District of Arizona Capital Habeas Unit
2023 - 2023	Consultant and Expert Witness, Colorado State Public Defenders
2022 - 2020	Consultant, Federal Public Defender's Office in Los Angeles, California.
2022 - 2018	Consultant and Expert Witness, Mississippi Office of Capital Post-Conviction Counsel
2020 - 2019	Expert Witness, Washington State Office of the Attorney General

- 2018 Consultant, Federal Public Defender for the District of Arizona Capital Habeas Unit
- 2017 - 2014 Consultant and Expert Witness, Arizona Pima County Legal Defender's Office
- 2017 Manuscript reviewer, the journal *Frontiers in Microbial Immunology*
- 2016 - 2015 Consultant and Expert Witness, United States District Court, Federal Public Defender, New Mexico
- 2016 - 2015 Book chapter editor, American Industrial Hygiene Association, *Toxicology Principles for the Industrial Hygienist*, Second Edition, Chapter 9: Toxicology of Sensory Organs.
- 2016 -1998 Consultant, New Mexico State Department of Vocational Rehabilitation (not every year)
- 2015 Proposal Reviewer, German Federal Ministry of Education & Research (BMBF) and the Netherlands Organisation for Health Research and Development (ZonMw)
- 2015 Consultant and Expert Witness, Texas Office of Capital Writs
- 2014 Consultant Neuropsychologist, Wagon Mound School District
- 2013 Book reviewer in *Neurotoxicology*, Oxford University Press
- 2013 Consultant and Expert Witness, Texas Regional Public Defender for Capital Cases
- 2013 - 2008 Manuscript reviewer, *Archives of Applied Neuropsychology*
- 2012 Consultant Neuropsychologist, State Farm Insurance Company, contracted by Integrated Medical Evaluations<sup>10</sup>
- 2010 - 2009 Consultant and expert witness, New Jersey State Public Defender
- 2009 Consultant, Johnson & Johnson Health Care Products and Pharmaceuticals, as contracted by ECN (Exam Coordinators Network), Nationwide Employee Medical Leave Review Services
- 2009-2008; 2005-2001 Consultant and Expert Witness, The Defender Association, Washington State Public Defender
- 2008 Consultant, Norfolk Southern Railway Company
- 2008 - 2001 (app.) Consultant, UNUM Insurance Company (several cases, not every year)
- 2007 Book chapter review, American Industrial Hygiene Association, *Toxicology Principles for the Industrial Hygienist*, Chapter 7A: Toxicology of Sensory Organs.
- 2007 Manuscript review, *Environmental Health Perspectives*, scientific journal published by the USA National Institute of Environmental Health Sciences, regarding brain structure and function caused by a toxic chemical environmental pollutant.
- 2007 Consultant, Paul Revere Insurance Company
- 2007 - 2005 Consultant and Expert Witness, Federal Public Defender's Office; Arizona and New Mexico
- 2006 Consultant, Prudential Financial, administered by Psybar, Inc., a national professional services company offering psychological and psychiatric consultations and evaluations for insurance companies and other organizations
- 2006 - 2003 Consultant, New Mexico Department of Health (via Mentor New Mexico, High Desert Family Services and other agencies), providing services for brain injury clients (Traumatic, toxic, etc.)
- 2002 - 2000 Consultant and Expert Witness, Missouri State Public Defender Department
- 2001 - 2000 Consultant and Expert Witness, New York State Worker's Compensation Board

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<sup>10</sup> From their website: IME Inc. is a full-service scheduling company that facilitates independent medical exams, chart reviews, specialized case reviews, and expert testimony. <http://www.imewest.com/about.asp>

- 2001 - 1991 Consultant and Expert Witness, New Mexico Public Defender Department.
- 2001 - 1983 Adjunct Instructor, Mount Sinai School of Medicine, Department of Community Medicine, New York City
- 2000 Consultant, U.S. Department of Health and Human Services, Public Health Service, Agency for Toxic Substances and Disease Registry, through Eastern Research Group, Lexington, Mass.: Toxicology profiles and medical management guidelines regarding toluene, chlordane, formaldehyde, and gasoline (4 separate projects).
- 2000 - 1999 Consultant and Expert Witness, United States District Court, New Mexico
- 2000 - 1994 Medical Education Committee, St. Vincent's Hospital, Santa Fe
- 2000 - 1993 Medical Staff Associate, St. Vincent's Hospital, Santa Fe
- 1994 - 1993 Instructor, Santa Fe Community College (Course in hazardous materials)
- 1994 - 1991 Consultant and Expert Witness in neuropsychology and neurotoxicology, United States Department of Justice, Environmental Crimes Section, and Federal Bureau of Investigation
- 1991 - 1990 Consultant Neuropsychologist, University of the State of New York, Office of Vocational Services
- 1991 - 1990 Consultant Psychologist, Pius XII Youth and Family Services, Chester, New York
- 1991 - 1990 Consultant Psychologist, Sugarloaf Union School District, Chester, New York
- 1991 - 1990 Consultant Psychologist, New Hope Guild, Brooklyn, New York
- 1991 - 1989 Consultant and Expert Witness, New York State Public Defender Department (years are approximate).
- 1991 - 1983 Consultant Psychologist, New York State Department of Social Services, Office of Disability Determinations
- 1984 - 1983 Consultant in Psychology, 99<sup>th</sup> Street Rego Park Medical Arts
- 1979 - 1978 Clinical Psychology Intern, Park East Psychological Associates, New York City
- 1978 - 1972 Teaching and Research Assistant, Department of Psychology, Washington State University, Pullman, Washington
- 1970 Residential camp counselor, Buttonwood Farms (a summer camp offering academic and recreational therapy to socially and emotionally disturbed children, formerly located on Easton Road, Ottsville, Pennsylvania)
- 1965 - 1968 Part-time factory worker for Charles Singer and Company

## BIOGRAPHICAL LISTINGS

- Who's Who in America (nominated for the 2021 and earlier editions)
- Who's Who in the World (13<sup>th</sup>-16<sup>th</sup> Edition; app. 37,000 - 40,000 biographies)
- Who's Who in Science and Engineering (2<sup>nd</sup> - 3<sup>rd</sup> Edition)
- Who's Who in the East (22<sup>nd</sup> Edition)
- Who's Who of Emerging Leaders in America (3<sup>rd</sup> Edition)

## BOOK

- Singer, R. (1990). Neurotoxicity Guidebook. New York: Van Nostrand Reinhold. Revised First Edition, Aventure Press, 2005.

## BOOK CHAPTERS OR CONTRIBUTIONS

1. Singer, R. (2011). Neurotoxicity in Neuropsychology. Book chapter in The Little Black Book of Neuropsychology: a Syndrome Based Approach, edited by Schoenberg, MR & Scott, JG. New York: Springer. (Still in print as of May 2022)
2. Singer, R. (2010). Forensic neurotoxicology. In The Handbook of Forensic Neuropsychology, Second Edition. New York: Springer. (Still in print as of Oct., 2019)
3. Singer, R. (2007). Neuropsychological assessment of toxic exposures. In The Neuropsychology Handbook: Third Edition. New York: Springer. (Still in print as of Oct. 2019)
4. Singer, R. (2005). Clinical evaluation of suspected mold neurotoxicity. Proceedings of the Fifth International Conference on Bioaerosols, Fungi, Bacteria, Mycotoxins and Human Health, Albany, New York: Boyd Printing.
5. Singer, R. (2003). Forensic neurotoxicology. In the Handbook of Forensic Neuropsychology. New York: Springer.
6. Singer, R. (1997). Neuropsychological assessment of toxic exposures. In The Neuropsychology Handbook: Second Edition, Vol 2. New York: Springer.
7. Singer, R. (1994). Neurotoxicity evaluation. In Principles and Practice of Forensic Psychiatry, edited by Richard Rosner. New York: Van Nostrand Reinhold.
8. Singer, R. (1992). Agricultural and domestic neurotoxic substances. In Preventable Brain Damage: Brain Vulnerability and Brain Health, edited by W. Gary Cannon, Lawrence Hartlage, and Donald L. Templer. New York: Springer Publishing Company.
9. Singer, R. (1991). Nervous system monitoring for early signs of chemical toxicity. Chapter in Biological Monitoring of Exposure to Chemicals: Metals, edited by H. Kenneth Dillon and M. Ho. New York: John Wiley & Sons.
10. Singer, R. (1987). How to prove nervous system dysfunction. A Guide to Toxic Torts. New York: Matthew Bender.
11. Letz, R. & Singer, R. (1985). Neuropsychological tests. In P. Grandjean (Ed.), Neurobehavioral Behavioral Methods in Occupational and Environmental Health (Document 6, pp. 17-18). Copenhagen: World Health Organization.

## SCIENTIFIC JOURNAL ARTICLES

1. Singer, R. (2012). Book review: Fundamental Neuropathology for Pathologists and Toxicologists: Principles and Techniques. International Journal of Toxicology, July/August; Vol. 31, 4: pp. 416-417.



2. Singer, R. (2002). Book review: The Forensic Pharmacology of Drugs of Abuse. International Journal of Toxicology, 21:381-382.
3. Singer, R. (1988). Early recognition of toxicity by assessing nervous system function. Biomedical and Environmental Sciences, 1, 365-362.
4. Singer, R. (1988). Methodology of forensic neurotoxicity evaluation: PCB case. Toxicology, 49, 403-408.
5. Singer, R., Valciukas, J., & Rosenman, K. D. (1987). Peripheral neurotoxicity in workers exposed to inorganic mercury compounds. Archives of Environmental Health, 42(4), 181-184.
6. Singer, R. & Scott, N. E. (1987). Progression of neuropsychological deficits following toluene diisocyanate exposure. Archives of Clinical Neuropsychology, 2(2), 135-144.
7. Valciukas, J., Lilis, R., Singer, R., Glickman, L., & Nicholson, W. J. (1985). Neurobehavioral changes among shipyard painters exposed to solvents. Archives of Environmental Health, 40(1), 47-52.
8. Singer, R., Valciukas, J., & Lilis, R. (1983). Lead exposure and nerve conduction velocity: The differential time course of sensory and motor nerve effects. Neurotoxicology, 4(2), 193-202.
9. Singer, R., Moses, M., Valciukas, J., Lilis, R., & Selikoff, I. J. (1982). Nerve conduction velocity studies of workers employed in the manufacture of phenoxy herbicides. Environmental Research, 29, 297-311.
10. Valciukas, J. & Singer, R. (1982). The embedded figures test in epidemiological studies of environmental neurotoxic agents. Environmental Research, 28, 183-198.
11. Valciukas, J., Lilis, R., Singer, R., Fischbein, A., Anderson, H. A., & Glickman, L. (1980). Lead exposure and behavioral changes: Comparisons of four occupational groups with different levels of lead absorption. American Journal of Industrial Medicine, 1, 421-426.
12. Young, F., Singer, R., & Foster, D. (1975). The psychological differentiation of male myopes and non-myopes. American Journal of Optometry, 52 (10), 679-686.

## PUBLISHED REVIEWER/EDITOR

Case Report Article. *Front. Immunol.*, 03 April 2017. Severe Sequelae to Mold-Related Illness as Demonstrated in Two Finnish Cohorts.

## PROFESSIONAL ARTICLES

1. Singer, R. and Johnson, D. D. (2006, March). Recognizing neurotoxicity, Trial, Mar. 2006, Volume 42, Number 3.

2. Singer, R. (1994, Spring). Medical neuropsychology: An aid to diagnosis and treatment. Physician's Forum, St. Vincent's Hospital, Santa Fe, New Mexico.
3. Singer, R. (1990, May). Toxic chemical effects on the human nervous system. The Expert Witness Journal, 2, 5:1-20.
4. Singer, R. (1990, March). Neuropsychological toxicology: Identification and assessment of human neurotoxic syndromes. Bulletin, National Academy of Neuropsychologists, 7, 1:6-7.
5. Singer, R. (1989, January). How I learned to stop worrying and love the cross-examination. The Expert Witness Journal, 1(1), 9. Reprinted in the Journal of the Southwest Association of Forensic Examiners (1989) 8:3.
6. Singer, R. (1988, Summer). Neuropsychology and Toxicology: Interface. Newsletter, Rockland County Psychological Society
7. Singer, R. (1988, Winter). Letter on chemist suicides. CHASNotes, American Chemical Society, 4(1), p. 5.
8. Singer, R. (1987, March). Nervous system: Early detection for chemical hazards. Professional Safety, pp. 37-41. Reprinted by East Tennessee State University for ENVH 5700, 1992.
9. Singer, R. (1985, November). Proving damages in toxic torts: Nervous system dysfunction. Trial, Vol. 21, 11, pp. 59-60.

## EXTENDED ABSTRACTS

Singer, R. (1985, August). Neuropsychological evaluation of neurotoxicity. In Neurobehavioural Methods in Occupational and Environmental Health: Document 3. Environmental Health pp. 86-90. Second International Symposium, Copenhagen, Denmark: World Health Organization Regional Office for Europe.

## ABSTRACTS

1. Singer, R & Thrasher, J. Neurobehavioral toxicological analysis of a rampage murderer. (2013). Appl Neuropsychol Adult 24 (1), 1-15. 2016 Sep 12.
2. Singer, R. (2013) Neuropsychological developmental disorder following mold exposure. Arch Clin Neuropsychol 28 (6): 518-626.
3. Singer, R. (2011). Chronic neurotoxicity after chronic mold exposure. The Toxicologist, Supplement to Toxicological Sciences, Vol. 120, Supplement 2, March.
4. Singer, R. (2010). Multiple chemical sensitivity is a neuropsychological disease. Archives of Clinical Neuropsychology, Vol. 25:6, 543.

5. Singer, R. (2008). Forensic evaluation of neuropsychological decline following solvent exposure. Archives of Clinical Neuropsychology, Volume 23:6, 746.
6. Singer, R. and Gray, M. (2007). Neuropsychological evaluation of a practicing physician with mold exposure. Archives of Clinical Neuropsychology, Volume 22, Issue 7, September, p 892.
7. Singer, R. (2006). Forensic neuropsychological autopsy of a suicide following occupational solvent exposure. Archives of Clinical Neuropsychology, Volume 21, Issue 6, p. 606.
8. Singer, R. (2005). Forensic evaluation of a mold (repeated water intrusions) neurotoxicity case. Archives of Clinical Neuropsychology, Volume 20, Issue 7, p. 808.
9. Singer, R. (2003). Neurobehavioral evaluation of household exposure to Dursban. Toxicological Sciences, Vol. 72, Number S-1, March, p. 311.
10. Singer, R (2002). Panic disorder can be caused by neurotoxicity. Archives of Clinical Neuropsychology, Volume 17, Issue 8, pp. 813-814.
11. Singer, R. (2002). Neurobehavioral evaluation of residual effects of low-level bystander organophosphate pesticide exposure. Fundamental and Applied Toxicology, Supplement: The Toxicologist, Vol. 55, Number 1, March.
12. Singer, R. (2001). Neurotoxicity evaluation of a new solvent. Archives of Clinical Neuropsychology, 16 (2001), 697.
13. Singer, R. (2000). Neurobehavioral evaluation of residual effects of acute chlorine ingestion. Fundamental and Applied Toxicology, Supplement: The Toxicologist, Vol. 54, Number 1, p. 181, March.
14. Singer, R. (1999). Neurobehavioral screening of child and adult bystander exposure to toluene diisocyanate application. Fundamental and Applied Toxicology, Supplement: The Toxicologist, 48, 1-S, March, p. 359.
15. Singer, R. (1999). Neuropsychological evaluation of bystander exposure to pesticides. Journal of Neuropsychiatry and Clinical Neurosciences. Vol 11, #1, Winter, pp. 161-162.
16. Singer, R. (1999). Neurotoxicity from municipal sewage sludge. Archives of Clinical Neuropsychology, 14, 160.
17. Singer, R. (1998, January). Evaluating a carbonless copy paper neurotoxicity case. Archives of Clinical Neuropsychology. Volume 13, Number 1, p. 127.
18. Singer, R. (1997, March). Sick building syndrome: Neuropsychological study. Fundamental and Applied Toxicology, Supplement: The Toxicologist, 36,1:59, Part 2.
19. Singer, R. (1997). Neuropsychological evaluation of desipramine toxicity. The Journal of Neuropsychiatry and Clinical Neurosciences, 9, 1, 1997, p. 167.

20. Singer, R. (1997). Wood-preserving chemicals, multiple sclerosis, and neuropsychological function. Archives of Clinical Neuropsychology, 12, 4, p. 404.
21. Singer, R. (1996, March). Neurotoxicity from outdoor, consumer exposure to a methylene chloride product. Fundamental and Applied Toxicology, Supplement: The Toxicologist, 30, 1, Part 2.
22. Singer, R. (1996). Neurobehavioral screening of breast implant women. Archives of Clinical Neuropsychology, 11, 5.
23. Singer, R. (1995). Neuropsychological assessment of a practicing dentist with elevated urinary mercury. Fundamental and Applied Toxicology, Supplement: The Toxicologist, 15, 1, March, 1995.
24. Singer, R. (1994). Chronic polychlorinated biphenyl exposure and neurobehavioral effects. The Toxicologist, 14, 1, March, 1994.
25. Singer, R. (1990). Formaldehyde neurotoxicity. Archives of Clinical Neuropsychology, 5:2, 214.
26. Singer, R. (1990). Neurotoxicity can produce "MS-like" symptoms. Journal of Clinical and Experimental Neuropsychology, 12:1, 68.
27. Singer, R. (1989, March). Methodology of forensic neurotoxicity evaluation: PCB case. Toxicology Abstracts, 12(3).
28. Singer, R (1987, April). Forensic evaluation of chlordane neurotoxicity. Proceedings of the First Meeting of the International Neurotoxicology Association. Luntenen, The Netherlands, May 10-16, 1987. Proceedings. Part 1. Toxicology. 1988 Apr;49(1):1-201.
29. Singer, R (1987, April). Polychlorinated biphenyl transformer fluid neurotoxicity: Case study. Proceedings of the First Meeting of the International Neurotoxicology Association. Luntenen, The Netherlands, May 10-16, 1987. Proceedings. Part 1. Toxicology. 1988 Apr;49(1):1-201.
30. Singer, R. & Scott, N. E. (1987). Computerized screening for human neurotoxicity by questionnaire: Preliminary results of the neurotoxicity screening survey. Journal of the American College of Toxicology, 6(6).
31. Singer, R. & Scott, N. E. (1987). Progression of neuropsychological deficits following toluene diisocyanate exposure. Journal of Clinical and Experimental Neuropsychology, 9(1).
32. Singer, R. & Scott, N. E. (1987). Neuropsychological evaluation of cyclodiene insecticide toxicity. The Toxicologist, 7 (1), 248.
33. Singer, R. (1986). Future directions of toxicology: A neurotoxicologist's point of view. Journal of the American College of Toxicology, 5 (6), 603.

34. Singer, R. (1986). Managing risk of occupational toxicity. Journal of the American College of Toxicology, 5(6), 603.
35. Singer, R. (1986). Prevention of neurotoxicity at the workplace. The Toxicologist, 6(1), 283.
36. Singer, R. (1985). A model neurotoxicity prevention program for biological monitoring of workers at risk. Journal of the American College of Toxicology, 4(6), 348.
37. Singer, R., Valciukas, J., & Lillis, R. (1982). Nerve conduction velocity studies of low-level lead exposure compared with low-level lead and arsenic exposure. Neurotoxicology, 3(3).

## PROFESSIONAL LECTURES

1. Singer, R. (2003). Natural Land Restoration: Mining Sites. Presented at a special meeting of New Mexico State Bureau of Mines & Mineral Resources managers, April 2<sup>nd</sup>, Santa Fe.
2. Singer, R. (2003). Natural Land Restoration: Hazardous Waste Sites. Presented at a special meeting of USA Environmental Protection Agency Region 6 managers, April 9<sup>th</sup>, Dallas.
3. Singer, R. (2002, April). Death Penalty Mitigation Factors: Neurotoxicity. 18<sup>th</sup> Annual Symposium of the American College of Forensic Psychology, April 21<sup>st</sup>, San Francisco.
4. Singer, R. (2001, November). Neurotoxicity evaluation of a new solvent. Grand Rounds, 21<sup>st</sup> Annual Meeting of the National Academy of Neuropsychology, San Francisco, November 2<sup>nd</sup>.
5. Singer, R. (2001, August). Multiple chemical sensitivity and neurotoxicity. 2001 Multiple Chemical Sensitivity Conference, sponsored by the Chemical Injury Information Network, August 14<sup>th</sup>, 2001, Santa Fe, New Mexico.
6. Singer, R. (2001, April). Disability claims involving workers exposed to neurotoxic substances. 17<sup>th</sup> Annual Symposium of the American College of Forensic Psychology, April 26, Toronto.
7. Singer, R. (2000, April). Forensic assessment of neurobehavioral disorders following atypical chemical exposures. 16<sup>th</sup> Annual Symposium of the American College of Forensic Psychology, April 6, Newport Beach.
8. Singer, R. (2000, January). Identifying neurotoxicity in clinical practice. University of New Mexico School of Medicine, Department of Psychiatry, Albuquerque, Jan. 21<sup>st</sup>.
9. Singer, R. (1999, November). Evaluation of neurobehavioral toxicity disorders. University of New Mexico School of Medicine, Neuroscience Department, Albuquerque, Nov. 18<sup>th</sup>.
10. Singer, R. (1999, October). Clinical diagnosis of neurobehavioral toxicity. Washington State University, Department of Psychology Colloquium, Pullman, October 12<sup>th</sup>, 1999.

11. Singer, R. (1999, June). The neurotoxicity of everyday chemicals. Funded by, and upon invitation of Kassenärztliche Vereinigung (the regional association of government, doctors and insurance payers), Nord-Wurttemberg, Stuttgart, Germany, June 10<sup>th</sup>.
12. Singer, R. (1999, June). Neuropsychometric approaches to diagnosing brain damage from toxic substances. Funded by, and upon invitation of, Kassenärztliche Vereinigung, Nord-Wurttemberg, Stuttgart, Germany, June 10th.
13. Singer, R. (1997, May). Neuropsychological testing methods: Malingering and neurotoxic injury. Maricopa County Bar Association, Continuing Legal Education, May 8, Phoenix.
14. Singer, R. (1997, February). Forensic applications of neuropsychology and neurotoxicology. First District of the New Mexico Judicial Bar Association, Monthly Meeting, February 17, Santa Fe.
15. Singer, R. (1993, November). Introduction to applied neurotoxicology. Health Conference on Multiple Chemical Sensitivity, Washington Committee on Occupational Safety and Health, Seattle.
16. Singer, R. (1993, November). The clinical picture of environmental and occupational neurotoxicity. All Hospital Medical Education Lecture, St. Vincent's Hospital, Santa Fe, New Mexico.
17. Singer, R. (1993, November). Living with brain damage: Neuropsychological effects of head trauma. New Mexico Trial Lawyers' Association, Albuquerque, New Mexico.
18. Singer, R. (1986, July). Elements of causation in toxic torts. Address to the Association of Trial Lawyers of America Annual Convention, New York.
19. Singer, R. (1986, March). Proof of pesticide toxicity. Address to the Fourth National Pesticide Forum, Washington.
20. Singer, R. (1984, July). Evaluation of neurotoxicity in toxic chemical litigation. Address to the Association of Trial Lawyers of America Annual Convention, Seattle.
21. Singer, R. (1980, May). The neuropsychological evaluation of patients affected by occupational neurotoxic agents. Address to the New York State Psychological Association Convention, New York.
22. Singer, R. (1976, February). Can myopia be prevented? Address to the Washington State University chapter of Sigma XI.

## SCIENTIFIC AND PROFESSIONAL PAPERS AND PRESENTATIONS

1. Singer, R. and Eikelenboom, S. (2023). Symposium: Psychiatric Drugs and Homicide. American Psychology-Law Society of the American Psychology Association, Washington, DC, August 04.
2. Singer, R. (2017) Mold Neurotoxicity and Parkinson disease. Presented at University of New Mexico Brain and Behavior Institute Neuroscience Day, Albuquerque, March 16.
3. Singer, R. (2016) Neuroscience in Court: Example. Presented at University of New Mexico Brain and Behavior Institute Neuroscience Day, Albuquerque, March 17.
4. Singer, R. (2014) Neuropsychological Evaluation of Environmental Neurotoxicity: Mold. Presented at University of New Mexico Brain and Behavior Institute Neuroscience Day, Albuquerque, March 21.
5. Singer, R. (2013) Neuropsychological Developmental Disorder Following Mold Exposure. Presented at the NAN 33rd Annual Conference, October 16-19, 2013, San Diego, California.
6. Singer, R and Thrasher, J. (2012) Neurobehavioral toxicological analysis of a rampage murderer. Presented at the 4th Annual American College of Professional Neuropsychology Conference, Las Vegas, NV, March 10.
7. Singer, R. (2011). Chronic neurotoxicity after chronic mold exposure. Presented at the 50<sup>th</sup> Annual Meeting of the Society of Toxicology, Washington, March 7<sup>th</sup>.
8. Singer, R (2010). Multiple chemical sensitivity is a neuropsychological disease. Presented at the National Academy of Neuropsychology 30<sup>th</sup> Annual Meeting, Vancouver, October.
9. Singer, R. (2008). Forensic evaluation of neuropsychological decline following solvent exposure. National Academy of Neuropsychology 28<sup>th</sup> Annual Meeting, New York City, October 25<sup>th</sup>.
10. Singer, R. and Gray, M. (2007). Neuropsychological evaluation of a practicing physician with mold exposure. National Academy of Neuropsychology, 27<sup>th</sup> Annual Meeting, Scottsdale, Arizona, November 17.
- i) Singer, R. (2007, June). Forensic evaluation of a mercury and lead case. 11<sup>th</sup> Annual Meeting of the International Neurotoxicology Association, Monterey, California, USA.
11. Singer, R. (2006). Forensic neuropsychological autopsy of a suicide following occupational solvent exposure. National Academy of Neuropsychology, 26<sup>th</sup> Annual Meeting, San Antonio, October 28.
12. Singer (2005). Forensic evaluation of a mold (repeated water intrusions) neurotoxicity case. Forensic Grand Rounds, National Academy of Neuropsychology, 25<sup>th</sup> Annual Meeting, Tampa, October 22.
13. Singer, R. (2003, September). Clinical evaluation of suspected mold neurotoxicity. Fifth International Conference on Bioaerosols, Fungi, Bacteria, Mycotoxins and Human Health, Saratoga Springs, New York, September 10.

14. Singer, R. (2003, June). Forensic evaluation of solvent neurotoxicity: Cognitive and affective disorder. 9<sup>th</sup> Meeting of the International Neurotoxicology Association, Dresden, Germany.
15. Singer, R. (2003). Neurobehavioral evaluation of household exposure to Dursban. 42<sup>nd</sup> Annual Meeting of the Society of Toxicology, March 12, 2003, at the Salt Palace Convention Center, Salt Lake City, Utah.
16. Singer, R. (2002). Panic disorder can be caused by neurotoxicity. 22<sup>nd</sup> Annual Meeting of the National Academy of Neuropsychology, Miami, Florida, October 12.
17. Singer, R. (2002). Neurobehavioral evaluation of residual effects of low-level bystander organophosphate pesticide exposure. 41<sup>nd</sup> Annual Meeting of the Society of Toxicology, Nashville, March 20.
18. Singer, R. (2001). Neurotoxicity evaluation of a new commercial solvent. Adult Grand Rounds at the 21<sup>st</sup> Annual Meeting of the National Academy of Neuropsychology, San Francisco, California, October 31.
19. Singer, R. (1999). Neurotoxizität alltagsüblicher chemischer Substanzen. Text of address to a section of the German Parliament. Umweltbelastungen und Gesundheit, 9. Juni 1999, SPD Bundestagfraktion, Platz der Republik 11011 Berlin.
20. Singer, R. (1999). Neurobehavioral screening of child and adult bystander exposure to toluene diisocyanate application. 39<sup>th</sup> Annual Meeting of the Society of Toxicology, New Orleans, March 17.
21. Singer, R. (1999). Neuropsychological evaluation of bystander exposure to pesticides. 10<sup>th</sup> Annual Meeting of the American Neuropsychiatry Association, New Orleans, Feb. 2.
22. Singer, R. (1998). Neurotoxicity from municipal sewage sludge. 18<sup>th</sup> Annual Meeting of the National Academy of Neuropsychology, Washington, D.C., November 6.
23. Singer, R. (1997). Evaluating a carbonless copy paper neurotoxicity case. 17<sup>th</sup> Annual Meeting of the National Academy of Neuropsychology, Las Vegas, November 12.
24. Singer, R. (1997). Sick building syndrome: Neuropsychological study. 36<sup>th</sup> Annual Meeting of the Society of Toxicology, Cincinnati, March 10.
25. Singer, R. (1997). Neuropsychological evaluation of desipramine toxicity. 8<sup>th</sup> Annual Meeting of the American Neuropsychiatry Association, Orlando, Feb. 4.
26. Singer, R. (1996). Wood-preserving chemicals, multiple sclerosis, and neuropsychological function. 16<sup>th</sup> Annual Meeting of the National Academy of Neuropsychology, New Orleans, October 31.
27. Singer, R. (1996, March). Neurotoxicity from outdoor, consumer exposure to a methylene chloride product. Society of Toxicology Annual Meeting, Anaheim, March 11.
28. Singer, R. (1995, November). Neurobehavioral screening of breast implant women. Annual Meeting of the National Academy of Neuropsychology, San Francisco, November 3.



29. Singer, R. (August, 1995). Symposium: Forensic neuropsychology: Detecting malingering and coping with cross-examination. Annual Meeting of the American Psychological Association, New York.
30. Singer, R. (March, 1995). Neuropsychological assessment of a practicing dentist with elevated urinary mercury. 34<sup>th</sup> Annual Meeting of the Society of Toxicology, Baltimore.
31. Singer, R. (August, 1994). Neuropsychological toxicology in private practice. Presented to Division 42, Annual Meeting of the American Psychological Association, Los Angeles.
32. Singer, R. (March, 1994). Chronic polychlorinated biphenyl exposure and neurobehavioral effects. 33<sup>rd</sup> Annual Meeting of the Society of Toxicology, Dallas.
33. Singer, R. (April, 1993). Forensic neuropsychological toxicology. Ninth Annual Symposium of Forensic Psychology, Santa Fe.
34. Singer, R. (October, 1990). Risk factors for Alzheimer's disease. American Public Health Association's 1990 Annual Meeting, New York.
35. Singer, R. (1990, February). Neurotoxicity can produce "MS-like" symptoms. 18<sup>th</sup> Annual Meeting of the International Neuropsychological Society, Orlando, February 16.
36. Singer, R. (1989, November). Formaldehyde neurotoxicity. 9<sup>th</sup> Annual Meeting of the National Academy of Neuropsychologists, Washington, November 2.
37. Singer, R. (1988, December). Neurotoxicity or Nothing?: Deficit Measurement and Malingering. 3<sup>rd</sup> International Symposium on Neurobehavioral Methods in Occupational and Environmental Health, World Health Organization, Washington DC.
38. Singer, R. & Scott, N. E. (1987, December). Computerized screening for human neurotoxicity by questionnaire: Preliminary results of the neurotoxicity screening survey. 8<sup>th</sup> Annual Meeting of the American College of Toxicology, Baltimore.
39. Singer, R. (1987, May). Forensic evaluation of chlordane neurotoxicity. 1<sup>st</sup> Meeting of the International Neurotoxicology Association, Lunteren, The Netherlands.
40. Singer, R. (1987, May). Polychlorinated biphenyl transformer fluid neurotoxicity: Case study. 1<sup>st</sup> Meeting of the International Neurotoxicology Association, Lunteren, The Netherlands.
41. Singer, R. & Scott, N. E. (1987, February). Neuropsychological evaluation of cyclodiene insecticide toxicity. 26<sup>th</sup> Annual Meeting of the Society of Toxicology, Washington.
42. Singer, R. & Scott, N. E. (1987, February). Progression of neuropsychological deficits following toluene diisocyanate exposure. 15<sup>th</sup> International Neuropsychological Society Meeting, Washington.

43. Singer, R. (1986, November). Early recognition of toxicity by assessing nervous system function. Annual Meeting of the Society of Ecotoxicology and Environmental Safety, Rome, Italy.
44. Singer, R. (1986, November). Future directions of toxicology: A neuropsychologist's point of view. 7<sup>th</sup> Annual Meeting of the American College of Toxicology, Philadelphia.
45. Singer, R. (1986, November). Managing risk of occupational toxicity. Seventh Annual Meeting of the American College of Toxicology, Philadelphia.
46. Singer, R. (1986, March). Prevention of neurotoxicity at the workplace. 25<sup>th</sup> Annual Meeting of the Society of Toxicology, New Orleans.
47. Singer, R. (1985, November). A model neurotoxicity prevention program for biological monitoring of workers at risk. 6<sup>th</sup> Annual Meeting of the American College of Toxicology, Washington.
48. Singer, R. (1985, September). Psychosis: Schizophrenia or chemical waste exposure. At Biological aspects of schizophrenia, a symposium conducted at IV World Congress of Biological Psychiatry, Philadelphia.
49. Singer, R. (1985, August). Neuropsychological evaluation of neurotoxicity. 2<sup>nd</sup> International Symposium on Neurobehavioral Methods in Occupational and Environmental Health, World Health Organization, Copenhagen, Denmark.
50. Singer, R. (1985, April). Nervous system monitoring for early signs of chemical toxicity. 189<sup>th</sup> American Chemical Society National Meeting, Miami.
51. Singer, R. (1984, February). Peripheral nervous system assessment in the evaluation of toxic chemical exposure. 12<sup>th</sup> Annual Meeting of the International Neuropsychological Society, Houston.
52. Singer, R. (1983, December). Neural indicators of phenoxy herbicide exposure. Annual Meeting of the Society for Occupational and Environmental Health, Washington.
53. Singer, R., Valciukas, J., & Lilis, R. (1982, September). Nerve conduction velocity studies of low-level lead exposure compared with low-level lead and arsenic exposure. International Conference on Neurotoxicology of Selected Chemicals, Chicago.
54. Singer, R., Valciukas, J., & Lilis, R. (1981, September). Lead exposure and nerve conduction velocity: The differential time course of sensory and motor nerve effects. XI Triennial World Congress of Pathology, Jerusalem, Israel.
55. Singer, R., Moses, M., Valciukas, J., Lilis, R. & Selikoff, I. J. (1981, September). Nerve conduction velocity studies of workers employed in the manufacture of phenoxy herbicides. XX International Congress of Occupational Health, Cairo, Egypt.

56. Singer, R. (1979, September). The role of the psychologist in the prevention of myopia. Annual Meeting of the American Psychological Association, New York.
57. Singer, R. (1979, September). The Camphill approach to the education of the retarded person. Symposium at Annual Meeting of the American Psychological Association, New York.
58. Singer, R. and Gelberman, J. (1979, September). Two contributions of Jewish mysticism to psychotherapy. Annual Meeting of the American Psychological Association, New York.
59. Singer, R. (1979, May). The behavioral etiology of myopia. Annual meeting of the Eastern Psychological Association, Philadelphia.
60. Singer, R., Young, F., & Rokeach, M. (1977, April). Values as predictors of visual refractive error in Barrow Eskimos. Western Psychological Association Convention, Seattle.
61. Singer, R. (1975, April). The association of personality and myopia. Western Psychological Association Convention, Sacramento.

## PROFESSIONAL WORKSHOPS AND COURSES PRESENTED

1. Neurotoxicity and the Naturopathic Client. Presented at the American Naturopathic Medical Association 38<sup>th</sup> Annual Convention, August 24, 2019, Westgate Resort, Las Vegas, Nevada (Continuing Education Credits).
2. Recognizing and Diagnosing Neurotoxic Mental Illness. Presented at the American Academy of Environmental Medicine 52nd Annual Scientific Meeting, October 6, 2017, The Chateaux in Deer Valley Park City, Utah. (CME credits)
3. Literature Review of Neuropsychological Effects of Mold. Presented at The American Academy of Environmental Medicine 49th Annual Scientific Meeting, October 23, 2014, Albuquerque. (CME credits)
4. The Neurobehavioral Evaluation of Neurotoxicity. Presented at The American Academy of Environmental Medicine 48th Annual Scientific Meeting, October 24 - 27, 2013 Phoenix. (CME credits)
5. Mycotoxins and Chronic Disease. RealTime Laboratories. Discussant, January 19, 2013, Plano, Texas. (CME credits)
6. Forensic Applications of the Neurotoxicity Syndrome. 28<sup>th</sup> Annual Symposium of the American College of Forensic Psychology. Presented April 19, 2012, San Francisco.
7. Delusions, Neurotoxicity, and Homicide. Organizer and Co-presenter: Raymond Singer, Ph.D., Dr. Edward Dougherty, Rebecca A. Smith, J.D., M.A. 26<sup>th</sup> Annual Symposium of the American College of Forensic Psychology. April 22, 2010, San Francisco.

8. Chemical Hyper-Reactivity Syndrome is Both a Medical and a Neuropsychological Condition. 25<sup>th</sup> Annual Symposium of the American College of Forensic Psychology. March 25, 2009, San Diego.
9. Personality and Anxiety Disorders, Such as Panic Attacks, From Neurotoxicity. 24<sup>th</sup> Annual Symposium of the American College of Forensic Psychology. April 13<sup>th</sup>, 2008, San Francisco.
10. Forensic Neuropsychology and Evaluation of Toxic Chemical Injuries. 23<sup>rd</sup> Annual Symposium of the American College of Forensic Psychology, May 3, 2007, Santa Fe.
11. Neurotoxicity of Chemical and Biological Weapons. Instructor, Fall Meeting of the Roundtable of Toxicology Consultants (a sub-group of members of the Society of Toxicology). Montreal, September 16, 2006.
12. Multiple Chemical Sensitivity Case Definition Workshop, panelist (neuropsychology, neurotoxicology). Sponsored by the Chemical Injury Information Network. San Francisco, August 4-6, 2006. Thirty panelists were selected and invited from MCS researchers and clinicians worldwide.
13. Forensic Evaluation of a Mold (Repeated Water Intrusions) Neurotoxicity Case. Third Annual Mold Conference: Mold, Mycotoxins, and the Current State of Science. Hosted by Medical Center for Immune and Toxic Disorders. The Woodlands, Texas, April 1<sup>st</sup>, 2006.
14. Junk Science, Manufactured Doubt, and Disinformation versus Science in Litigation. Instructor, Summer Meeting of the Roundtable of Toxicology Consultants, Gaithersburg, MD, August 27<sup>th</sup>, 2005.
15. Clinical and Forensic Mold Neurotoxicity Case Report. Second Mold Conference. Hosted by Immunosciences Lab., Inc., Beverly Hills, California, October 16, 2004.
16. Forensic Evaluation of Mold Neuropsychological Toxicology. 20<sup>th</sup> Annual Symposium of the American College of Forensic Psychology, April 1-4, 2004, San Francisco.
17. Forensic Assessment of Neurotoxicology. Sole Instructor, Fall Meeting of the Roundtable of Toxicology Consultants, Williamsburg, Virginia, presented October 16<sup>th</sup>, 2003.
18. Forensic Evaluation of Mold Neurotoxicity. Speaker, Environmental Issues of the 21<sup>st</sup> Century. American Association of Legal Nurse Consultants, Greater Sacramento Area Chapter, October 20, 2001, Sacramento, California.
19. Facilitator, 2001 Multiple Chemical Sensitivity Conference, sponsored by the Chemical Injury Information Network, August 13-15, 2001, Santa Fe.
20. Singer, R. (1999, October). An overview: Clinical diagnosis of chemically caused neurobehavioral toxicity. American Academy of Environmental Medicine 34<sup>th</sup> Annual Meeting, Coeur d'Alene, October 8<sup>th</sup>, 1999. (CME credits)

21. Basic Principles of Forensic Neuropsychological Toxicology. 14th Annual Symposium of the American College of Forensic Psychology, May 1, 1998, San Francisco.
22. Psychology of Brain Injury. May 28, 1994. Presented with Santa Fe Rehabilitation, Santa Fe. Topics taught: Mechanics and physiology of brain injury; neuropsychological evaluation of brain injured patients; neurotoxic brain injury: Subtle and overt effects.
23. Neurotoxicity Evaluation, Diagnosis and Prevention. American College of Toxicology 13<sup>th</sup> Annual Meeting, San Francisco, October 24, 1992.
24. Clinical Evaluation of Patients for Neurotoxicity. American Psychological Association Centennial Convention, Washington, D.C., August 18, 1992.
25. Forensic Neuropsychological Toxicology. National Academy of Neuropsychology Eleventh Annual Meeting, Dallas, November 1, 1991.
26. Forensic Neuropsychological Toxicology. National Academy of Neuropsychology Eighth Annual Meeting, Orlando, November 4, 1988.

## NATIONAL INSTITUTE OF HEALTH REPORTS

1. Singer, R., Valciukas, J., & Lilis, R. (1982, November). Nerve conduction velocity studies assessment of copper smelter workers. In Health Hazards Among Copper Smelter Workers. Report to the National Institute of Environmental Health Science.
2. Lilis, R., Valciukas, J., Singer, R., Fischbein, A., Anderson, H. A., & Glickman, L. (1981, June). Assessment of lead health hazards in an auto body shop at an automobile assembly plant. Report to the National Institute of Environmental Health Sciences.

## PUBLISHED INTERVIEWS

1. Healthy People 2000: Citizens Chart the Course. Chapter of Environmental and Public Health, p. 148-149. Institute of Medicine, National Academy Press, Washington, 1990.
2. Neurotoxins - A wider threat than once thought. Safety Compliance Letter, Bureau of Business Practice, Prentice-Hall, July 25, 1988:1614.

## BOOK CONSULTING EDITOR

The A to Z Guide to Toxic Foods and How to Avoid Them. Author, Lynn Sonberg, 1992, Simon and Schuster, New York.

## APPEARANCES, TESTIMONY AND WORK FOR LEGISLATURES

1. Singer, R. (1999, June). The Neurotoxicity of Everyday Chemicals. Address to a section of the German Parliament. The Great Assembly Hall of Parliament (Deutscher Bundestag), Wasserwerk, Bonn, Germany, June 9<sup>th</sup>. Funded by and upon invitation of the German Federal Government, SPD Bundestagsfraktion.
2. Singer, R (1990) Comments in Healthy People 2000: Citizens Chart the Course Institute of Medicine, Chapter on Environmental Public Health, Page 148, National Academies Press, DC.
3. The Toxicity of Gasoline Additives (1987). Research funded by the National Renewable Fuels Association, and the report circulated among U.S. Congress and staff, regarding Congressional regulation of neurotoxic chemical additives to oxygenate gasoline.
4. Singer, R. (1985, October). Neurotoxicity Can Be Prevented. Written and submitted to hearings before the Subcommittee on Investigations and Oversight of the Committee on Science and Technology, United States House of Representatives, serial No. 99-68, "Neurotoxins at home and in the workplace."
5. Singer, R. (1985, September). Prevention of Neurotoxicity. Testimony presented to the United States Food and Drug Administration Symposium on Predicting Neurotoxicity from Preclinical Data.
6. Singer, R. (1984, September). Are Pesticides Safe? Testimony presented to the New Jersey State Senate.

## ARTICLES, RADIO, INTERNET AND APPEARANCES FOR THE GENERAL PUBLIC

1. Lecture: Neurotoxicity and Neurodegenerative Diseases. Planetary Health: Macrobiotic Summer Conference 2023: Macrobiotics in Daily Life, Traditional Cuisines, and Medical Research. July 14, 2023.
2. Lecture, Hanford workers seeking help for chemical exposure, Kima TV, Yakima, Washington, April 27<sup>th</sup>, 2018.
3. Interview: Sick Hanford Worker's Accused of Faking Illness. King-5 NBC News, March 02, 2017. Produced by Emmy-award winning Susannah Frame, the Chief Investigative Reporter at KING 5.
4. Interview: Psychiatric Drugs and Violence: The Virginia Tech Shooter. The Gary Null Show, New York City, April 20, 2007.
5. Interview: Aspartame Neurotoxicity, Jeff Rense Program, GlobalStar Communications, Telstar 5 (Intelsat Americas 5) KU Band, Internet radio, 9-10 pm MT, February 19, 2007.

6. Interview: Aspartame Neurotoxicity, KUNM Radio - 89.9 FM, Albuquerque, February 12, 2007.
7. Interview: "Environmental Health Hour" with Dr. Albert Robbins, WWNN Radio-1470 AM January 28<sup>th</sup>, 2007.
8. Interview, Friendly Fire (2006), Gary Null Productions, New York City, Gulf War Syndrome journalistic documentary.
9. Interview, Canadian Broadcasting Corporation, Wild Rose Forum, Host and producer, Don Hill. Subject: Human Health Effects of Pesticides, January 21, 2003.
10. Interview, Canadian Broadcasting Corporation, Radio One, Nightwatch, Host Don Hill, Talk Radio: Subject: Neurotoxic Chemicals in the Environment, August 2, 2002.
11. News article, Carbonless copy paper may pose risks. Fox 47 News, Reporter Victoria Dunkle, in Ingham County Community News, August 27, 2000, page 2.
12. News conference, attended by German television networks and the press, regarding the Neurotoxicity of Everyday Chemicals, Presskonferenz der Kassenzärztlichen Vereinigung Nord-Württemberg, Stuttgart, Germany, June 10, 1999.
13. Expert panel discussion and dialogue. Healthier World for All: On preventing and living with MCS. In conjunction with New Mexico Gov. Gary Johnson's Proclamation of MCS Awareness Week, May 16, 1998.
14. Presentation, Pesticides and MCS. Educational meeting sponsored by the New Mexico Governor's Committee on Concerns of the Handicapped, June 24, 1996, Santa Fe.
15. Interview, German National Television - RTL. Program on pesticides and pyrethroids, October 24, 1994.
16. Panel presentation: Women, Health and the Environment Conference. Personal and occupational risks: How our daily lives are affected. October 15, 1994, Albuquerque.
17. Interview, Neurotoxic Chemicals and the Environment: Interview. Radio 1260 AM, Santa Fe, New Mexico (1994).
18. Singer, R. (1990). Neurotoxicity and Environmental Illness. The Human Ecologist, 48:15-17.
19. Interview, Radio WMCA, November 16, 1986. "In the Doctor's Office", New York.

## DOCTORAL DISSERTATION

Singer, R. (1978). The relationship between visual refractive error and interests, values, personality, academic performance, and reading. Washington State University, Washington.

## ADDITIONAL PROFESSIONAL TRAINING

Competent Toastmaster Certificate, Toastmasters International Communication and Leadership Program, June 30, 2004.

## MUSICAL ACTIVITIES

- Tenor and Baritone Chorister, Santa Fe Symphony Chorus, various years; and Santa Fe Community Orchestra, various years. Repertoire included Handel's Messiah, Brahms's Requiem (German and English), Rutter's Magnificat, Rutter's Children's Mass, Beethoven's 9<sup>th</sup> Choral Symphony, Vivaldi's Requiem, Vivaldi's Gloria. Performances in English, French, Latin, German, Hebrew
- Tenor and Baritone Chorister, Temple Beth Shalom, Santa Fe, various years
- Solo and Ensemble Voice, Guitar and Keyboard Music Performance
- Folk music compositions