

Testimony of
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Hearing on “Coping with Compound Crises: Extreme Weather, Social Injustice,
and a Global Pandemic”
Committee on Science, Space, and Technology
Subcommittee on Environment
U.S. House of Representatives
September 30, 2020

Chairwoman Sherrill and Members of the Subcommittee:

Good morning. My name is Roxane Cohen Silver and it is my pleasure to have the opportunity to appear before you today to testify on coping and surviving the trauma of 2020, a year of grave stress, loss, and disruption for the United States. I am a researcher and professor of psychological science, public health, and medicine at the University of California, Irvine. For over three decades, I have studied how individuals adjust to stressful life experiences and specifically the impact of community disasters – both natural and man-made -- on individuals' and communities' psychological responses over time. Almost all of my research over these years – including investigations of the impact of firestorms, school shootings, mass violence, terror attacks, hurricanes, and infectious disease outbreaks, including COVID-19 – has been funded by the National Science Foundation.

The year 2020 has been marked by unprecedented cascading traumas, including the COVID-19 pandemic, an economic recession, race-driven social unrest, and weather-related disasters. As I will briefly discuss, but have described in more detail in a paper that will be published next week in the journal *Nature Human Behaviour* (**Attachment A**), these catastrophes have cascaded one to the next, and individuals across the U.S. have concurrently grappled with direct exposure to these events and watched them unfold, in real time, in the media. Research I have conducted over the past several decades strongly suggests that the mental health consequences of direct and media-based exposure to these compounding stressors may be profound. This extraordinary stressful year has taxed our capacity to cope, with the most vulnerable groups in our society at greatest risk. Policymakers must act to ease the burden of trauma to protect the public's mental, as well as physical, health.

Last week took us past a sad milestone -- over 200,000 people have now died of COVID-19 in the United States. The severe restrictions implemented in the spring to limit the spread of infection left thousands of businesses closed and over 40,000,000 Americans unemployed. These crises hit low socioeconomic status and minority communities especially hard, highlighting economic and racial inequities in healthcare and the provision of essential services in our country. With the pandemic and pandemic-triggered economic recession as a backdrop, months of stay-at-home orders, absence of distractions, economic anxiety, and easy access to graphic videos of the deaths of unarmed Black Americans led to multi-racial protests and ongoing social unrest. And if that was not bad enough, over the past few months the U.S. has faced extreme weather events, including devastating hurricanes, record heatwaves, and disastrous wildfires that require evacuations that have been made more complicated during an unrelenting pandemic that requires physical distancing. Together, the combination of medical, economic, racial, and climate-based catastrophes highlights the need for serious attention to be paid by public health officials and policymakers of the implications of cumulative, compounding trauma exposure.

In March, my colleagues and I published a paper in the journal *Health Psychology* (**Attachment B**) in which we used the research we have conducted on collective traumas over the past 20 years to make the prediction that widespread media exposure to a collective crisis like the COVID pandemic could amplify the distress people felt in response to this public health emergency. We reviewed research suggesting that repeated media exposure to community crises can lead to increased anxiety, and these heightened stress responses can lead to negative health consequences downstream, as well as misplaced help-seeking behaviors that can overburden health care facilities and tax available resources. For example, following the Boston Marathon bombings, we found a strong positive association between the number of hours people were exposed to bombing-related media coverage and the number of acute stress symptoms they reported experiencing. In fact, people who had the greatest level of media exposure reported substantially *higher* levels of acute stress than did people who were actually at the Boston Marathon bombing themselves. These associations also appear to accumulate over time: As threats continue to emerge, repeated high levels of media exposure to collective traumas may create a cycle of distress such that those with the greatest concerns may seek out more media coverage of the crisis, further increasing their stress. In fact, in a study of a representative sample of over 1600 residents of Florida who were surveyed in the hours before Hurricane Irma made landfall in 2017, we found that individuals who forecast they would be experiencing posttraumatic stress after the storm were more likely to consume media in advance of the storm -- and had more negative post-storm mental health outcomes.

While we predicted negative effects of the media to the events of 2020 based on our earlier research, it was critical to conduct research on the pandemic specifically – as well as the tragic events that have followed. However, to design and implement research on collective traumas requires overcoming formidable scientific and logistical challenges resulting from the fundamental unpredictability of these events. As a result, most studies are “post-only” designs, often with retrospective assessments made long after the event. However, without information on pre-event mental and physical health, it is difficult to disambiguate the effects of the trauma on subsequent responses to it. Moreover, because of difficulties receiving rapid Ethics Board approval, researchers can rarely get into the field quickly, yet without baseline assessments of psychological responses collected in the acute period, it is impossible to accurately evaluate trajectories of response and adjustment over time. Finally, surprisingly few studies have considered how cumulative exposure to collective and individual stressors – in this case the combined stress of personal illness, loss, economic strain, social unrest and climate-based disasters -- may contribute to mental health outcomes.

Also, the challenges of obtaining funding quickly in the aftermath of collective traumas often lead to a lack of studies of large representative samples that preclude comparisons of responses across demographic groups or generalizability to the population as a whole. However, to understand how individuals have coped -- and will to cope -- with this slow-moving disaster before a vaccine enables individuals to re-activate their pre-pandemic activities, data collection on representative samples is critical. Understanding who will successfully adjust to this chronic stressor requires longitudinal research that follows a representative, probability-based sample of individuals over time. Data collection conducted during early stages of the crisis can help identify individuals who are most likely to engage in self-protective and socially responsible behaviors, can classify early patterns of response, can help isolate risk factors eventually associated with long-term psychological maladjustment, and can identify correlates of resilience. Critical variables to study include emotional (fear, worry, distress), cognitive (perceived risk), social (loneliness, sense of social cohesion) and behavioral (media use, health protective behaviors) responses to the COVID-19 outbreak to explore how they help shape mental and physical health outcomes over time. Exploring social benefits in the aftermath of a collective disaster and examining how individuals and communities make sense of this crisis also requires longitudinal research using large samples that can isolate religious, political and

cultural differences in responses. Additional important research questions include understanding the impact on stress responses of direct exposures to the pandemic versus indirect exposure through widespread traditional and social media coverage of the outbreak, articulating how ambiguous or conflicting communication may amplify perceived risk and stress, and examining how cognitive and affective processes shape risk assessments, behavioral responses, and mental health outcomes. Finally, limited research has examined how prior life events may affect perceptions of risk of future hazards – especially ones with uncertain outcomes – but having such information may help identify those at risk of poor adjustment following subsequent crises.

Thus, results from longitudinal research on probability samples during and after the pandemic would enable an opportunity not only to document predictors of variability in response to the COVID-19 crisis, but also to examine several significant questions relevant to community resilience to a national crisis more generally. Information collected via such research can advance future conceptual work on coping with highly stressful national threats and provide information to facilitate early identification of individuals at risk for subsequent difficulties. Finally, findings from such research efforts can add to the foundation of knowledge for helping policymakers, service providers, and educators design educational materials and intervention efforts that are evidence-based and responsive to the needs of the community at large.

Fortunately, because the National Science Foundation offered many hundreds of RAPID grants – which enabled research funding for high quality science in the Spring of 2020, my colleagues and I were able to conduct a methodologically rigorous study of a national sample of adults in the U.S. that began March 18th. The first report from our national study of over 6500 individuals was published last week in the American Association for the Advancement of Science online journal *Science Advances* (**Attachment C**). We started a longitudinal study of thousands of people as the pandemic unfolded in the U.S., beginning from a time when there were 190 reported COVID-19 deaths in the U.S. to over 13,000 deaths less than 30 days later. We found that as the weeks went on, and the cases across the U.S. grew, so did rates of acute stress and depressive symptoms. Our findings offer insights into priorities for building community resilience in the face of this pandemic. First, those with pre-existing mental and physical health conditions were more likely to show both acute stress and depressive symptoms. Secondary stressors, such as job and wage loss and a shortage of necessities, were also strong predictors in the development of stress and depressive symptoms. Finally, we found that as predicted, extensive exposure to pandemic-related news, as well as exposure to conflicting information in the news media, were among the strongest predictors of acute stress in the early weeks of the pandemic. As of 5 days ago, we began to re-survey our sample of 6500 people to understand how they have coped with the past several months, as more people have been exposed to the illness and death associated with COVID-19, the stress of social unrest, and the ongoing climate-related disasters – both personally and via the media.

Will we survive the trauma of COVID-19 and the cascading tragedies that have followed it? As I argued in an Editorial in *Science* in July (**Attachment D**), I believe that we will. But this is not to minimize the seriousness of the tragedy in any way. Hundreds of thousands of individuals across the U.S. have experienced the loss of a loved one, often without the opportunity to say goodbye in person, and without the opportunity for a ritual funeral. There have also been millions of symbolic losses – of senior years in high school, weddings, and milestone events without the presence of loved ones to celebrate in person. We may expect grief for many and unresolved grief for some. Isolation may exacerbate loneliness for many and trigger suicidal ideation for some. We do not know how long this pandemic will last, nor do we really know how bad it will get. The ambiguity is stressful and the outcomes are painful.

Prior research on cumulative exposure suggests the chronicity and compounding nature of collective traumas in 2020 will likely be associated with *stronger* emotional responses with each new exposure, rather than habituation. Therefore, how can we ensure that communities

and their residents prove resilient in the face of cascading collective traumas? It is critical that policy makers strengthen resources distributed at both community and individual levels. Potential options include mental health support, positive coping and resilience-building activities (e.g., outdoor exercise), and virtual programming to reduce loneliness (particularly for those most isolated). As Black, Latinx, and Indigenous communities in the U.S. are suffering disproportionately from COVID-19, compounded by historical trauma, systemic racism, and persistent poverty, allocating additional resources to traditionally underserved and working communities of color is critical. Underlying social inequities must be addressed to avert a mental health disaster, which will likely lead to further physical health impairments and a protracted economic and social recovery. Importantly, greater severity of exposure is likely to occur for the most vulnerable in society, adding to the burden of compounding effects. Our government must intervene to provide financial, social, and emotional support to our residents, particularly those at lower socioeconomic levels. Lost pay for these individuals should be compensated, especially because those with lower incomes will likely suffer the most from the economic burden of the compounding crises. It is critical that we provide resources to communities most in need of support right now – the unemployed, chronically ill, and young people. It is also critical that we encourage the public to limit their exposure to media as an important public health intervention.

Current public health guidance also recommends self-protective behaviors, including frequent hand washing, physical distancing, wearing face coverings, and avoiding crowds. Yet media reports show people congregating with no social distancing at parties, beaches, and at protests in the streets. Research ongoing in my lab aims to explain such contradictory behaviors. We suspect that exposure to conflicting information from government authorities, media sources, and personal social networks plays a role in understanding whether or not individuals will follow scientific recommendations to behave in a way that minimizes risk and maximizes public health. Indeed, in the aftermath of the 2014 Ebola outbreak, my colleagues and I found that the public is able to understand risk information that is clearly, directly, and repeatedly communicated by trusted authorities. This trust is maintained by honesty and competence. Most people will follow the rules. But health-protective behaviors must be encouraged with messaging that conveys clearly and consistently the costs and benefits of actions that can ensure the physical and mental health of oneself and one's community. Research by behavioral scientists can provide a roadmap for public officials to ensure their residents' cooperation, trust in, and implementation of what is learned from biomedical science.

My decades of research on personal and collective traumas make clear that people are extremely resilient. Research after tragedy tells us that people often find meaning in adversity. During the pandemic, we are reaching our friends and loved ones through new means, becoming more capable with technology, and finding new ways to connect with neighbors--all of which can help us make sense of this crisis. Recognizing that all of us working together to practice social distancing is helping us save lives can turn feelings of isolation into a sense of purpose. Although the timing of containment of COVID-19 remains unknown, I believe that most people will get to the other side of the pandemic recognizing strengths and coping skills they did not realize they had. Rigorous research by psychological scientists can offer understanding of human behavior during crises to minimize future waves of infection and death.

This concludes my testimony. Thank you.

ATTACHMENTS

- A:** Silver, R. C., Holman, E. A., & Garfin, D. R. (2020). Coping with cascading collective traumas in the United States. *Nature Human Behaviour*. doi.org/10.1038/s41562-020-00981-x
- B:** Garfin, D. R., Silver, R. C., & Holman, E. A. (2020). The novel Coronavirus (COVID-2019) outbreak: Amplification of public health consequences by media exposure. *Health Psychology, 39*, 355-357. doi.org/10.1037/hea0000875
- C:** Holman, E. A., Thompson, R. R., Garfin, D. R., & Silver, R. C. (2020). The unfolding COVID-19 pandemic: A probability-based, nationally representative study of mental health in the U.S. *Science Advances, 6*, eabd5390. doi.org/10.1126/sciadv.abd5390
- D:** Silver, R. C. (2020). Surviving the trauma of COVID-19. *Science, 369*, 11. DOI: 10.1126/science.abd5396

Roxane Cohen Silver, Ph.D., is Professor in the Department of Psychological Science, the Department of Medicine, and the Program in Public Health, and Associate Director of the ADVANCE Program for Faculty and Graduate Student Equity, Diversity and Inclusion in the Office of Inclusive Excellence at the University of California, Irvine, where she has been actively involved in research, teaching, and administration since 1989. An international expert in the field of stress and coping, Silver has spent over four decades studying acute and long-term psychological and physical reactions to stressful life experiences, including personal traumas such as loss, physical disability, and childhood sexual victimization, as well as larger collective events such as terror attacks, war, and natural disasters across the world (e.g., U.S., Indonesia, Chile, Israel). Her research has been funded by the U.S. National Science Foundation, the U.S. National Institute of Mental Health, the U.S. Department of Homeland Security, and the U.S. Public Health Service. She has guided governments in the U.S. and abroad in the aftermath of terrorist attacks and earthquakes and served on numerous senior advisory committees and task forces for the U.S. Department of Homeland Security, providing advice to the Department and its component agencies on the psychological impact of disasters and terrorism. She has also testified at the U.S. House of Representatives' Committee on Science and given several briefings to policymakers at the White House and on Capitol Hill on the role of social science research in disaster preparedness and response and the impact of the media following disasters.

Silver is the President of the *Federation of Associations in Behavioral & Brain Sciences (FABBS)* and was the 2016 President of the *Society of Experimental Social Psychology*. She was also a founding Director and Chair of the Board of Directors of *Psychology Beyond Borders*, an international nonprofit organization that facilitated research, intervention, and policy development in the prevention, preparedness, and response to terror attacks, conflict, or natural disasters across the world. She is a Fellow of the American Psychological Association (in 4 Divisions), the Association for Psychological Science, the Academy of Behavioral Medicine Research, and the Society of Experimental Social Psychology. Silver has received a number of awards for her scholarship and service, including the 2007 American Psychological Association's Award for Distinguished Service to Psychological Science, the 2010 Public Advocacy Award from the International Society for Traumatic Stress Studies (for "outstanding and fundamental contributions to advancing social understanding of trauma"), the American Psychological Association's 2011 Award for Distinguished Contributions to Psychology in the Public Interest (Senior Career), the 2011 Award for Outstanding Service to the Field of Trauma Psychology, the 2014 International Society for Traumatic Stress Studies' Frank Ochberg Award for Media and Trauma Study, the 2016 Social Responsibility Award from the Western Psychological Association, the 2018 Robert S. Laufer Memorial Award for Outstanding Scientific Achievement from the International Society for Traumatic Stress Studies, the 2019 Application of Personality and Social Psychology Senior Career Contribution Award from the Society for Personality and Social Psychology, and the 2020 Award for Lifetime Achievement in the Field of Trauma Psychology from Division 56 (Trauma Psychology) of the American Psychological Association.

Silver is also a dedicated teacher and active mentor of predoctoral and postdoctoral students. In recognition of her efforts toward graduate and undergraduate education, she has received almost two dozen teaching/mentoring awards over her career, including the 2012 Distinguished Mentorship Award from the International Society for Traumatic Stress Studies, UC Irvine's 2001 Distinguished Faculty Lectureship Award for Teaching (the 16th recipient in UCI's history), and UCI's inaugural Tom Angell Fellowship Faculty Award for Mentoring in 2015. Silver received her Ph.D. in social psychology from Northwestern University.

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Website: <https://faculty.sites.uci.edu/rsilver/>
- EDUCATION:** B.A. awarded with Highest Distinction and Honors in Psychology
Northwestern University, 1976
Ph.D., Social Psychology, Northwestern University, 1982
- HONORS AND AWARDS (Research/Scholarship):**
- | | |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2020 | American Psychological Association's Division 56 (Trauma Psychology) Award for Lifetime Achievement in the Field of Trauma Psychology |
| 2019 | Application of Personality and Social Psychology Senior Career Contribution Award, Society for Personality and Social Psychology |
| 2018 | International Society for Traumatic Stress Studies' Robert S. Laufer Ph.D. Memorial Award for Outstanding Scientific Achievement |
| 2017 | Elected Fellow, Academy of Behavioral Medicine Research |
| 2016 | Social Responsibility Award, Western Psychological Association |
| 2015 | Daniel Stokols Award for Interdisciplinary Research, School of Social Ecology, University of California, Irvine |
| 2014 | International Society for Traumatic Stress Studies' Frank Ochberg Award for Media and Trauma Study |
| 2011 | American Psychological Association's Award for Distinguished Contributions to Psychology in the Public Interest (Senior Career)
[Citation in <i>American Psychologist</i> (2011), 66(8), 717-720.] |
| 2010 | International Society for Traumatic Stress Studies' Public Advocacy Award for "outstanding and fundamental contributions to advancing social understanding of trauma" |
| 2010 | Elected Fellow, Division 56 (Trauma Psychology), American Psychological Association |
| 2010 | Elected Fellow, Society for Personality & Social Psychology (Division 8, American Psychological Association) |
| 2009 | Elected Fellow, Society for the Psychological Study of Social Issues (Division 9, American Psychological Association) |
| 2009 | Paul H. Silverman Award (for outstanding work on science and ethics), UCI's Interdisciplinary Center for the Scientific Study of Ethics and Morality |
| 2000 | Elected Fellow, Association for Psychological Science |

- 2000 Elected Fellow, American Psychological Association (Division 38, Society for Health Psychology)
- 1989 Elected Fellow, Society of Experimental Social Psychology
- 1989 National Psychological Consultants to Management Award for Excellence, Division 13, American Psychological Association
- 1988 National Science Foundation Fellow, Program for Advanced Study and Research in Social Psychophysiology
- 1979-1980 National Institute of Mental Health Predoctoral Fellowship
- 1976-1979 National Science Foundation Graduate Fellowship
- 1975 James Alton James Award for Outstanding Student in the Social Sciences, College of Arts and Sciences, Northwestern University

HONORS AND AWARDS (Service):

- 2011 American Psychological Association's Division 56 (Trauma Psychology) Award for Outstanding Service to the Field of Trauma Psychology
- 2007 American Psychological Association's Award for Distinguished Service to Psychological Science
- 2007 Featured in American Psychological Association's *Monitor on Psychology* cover story on New Women Leaders in Psychology
- 2006-2008 Appointment to the Secure Borders and Open Doors Advisory Committee, U.S. Departments of State and Homeland Security
- 2003-2010 Appointment to the Academe and Policy Research Senior Advisory Committee, Homeland Security Advisory Council, U.S. Department of Homeland Security

HONORS AND AWARDS (Teaching/Mentoring):

- 2015 Tom Angell Fellowship Faculty Award for Mentoring, University of California, Irvine (inaugural campuswide award recipient)
- 2012 International Society for Traumatic Stress Studies' Distinguished Mentorship Award
- 2011 Outstanding Faculty Mentor Award, Institute for Clinical and Translational Science, University of California, Irvine (inaugural award recipient)
- 2008 Social Ecology Student Association's Professor of the Year, UC Irvine
- 2005 Kathy Alberti Award for Outstanding Faculty Member, Associated Graduate Students of UC Irvine (inaugural award recipient)
- 2001 UC Irvine Senate's Distinguished Faculty Lectureship Award for Teaching
- 2001 UC Irvine's "In Celebration of Teaching" Award for Excellence in Teaching

1999	Chancellor's Award for Excellence in Fostering Undergraduate Research (School of Social Ecology and UC Irvine Campuswide Award Recipient)
1995	Outstanding Professor, Senior Survey, UC Irvine Alumni Association
1994	Outstanding Professor, Senior Survey, UC Irvine Alumni Association
1994	UCI's Award for Special Distinction in Promotion of Undergraduate Research and Scholarship
1994	UCI's "In Celebration of Teaching" Award for Undergraduate Mentoring
1994	Social Ecology Student Association's Professor of the Year, UC Irvine
1991-1995	Excellence in Teaching Award, Order of Omega Panhellenic and Interfraternity Council, University of California, Irvine

EMPLOYMENT:

July, 1999-present	Professor, Department of Psychological Science, UC Irvine Professor, Department of Medicine, School of Medicine (2003-present) Professor, Program in Public Health (2012-present)
July, 1992-June, 1999	Associate Professor, Department of Psychology and Social Behavior, UC Irvine
July, 1989-June, 1992	Assistant Professor, Program in Social Ecology, UC Irvine
Sept. 1988-July, 1989	Visiting Professor and Research Scholar, Department of Psychology, UCLA
June, 1987-Sept. 1988	Visiting Scholar, Research Center for Group Dynamics, Institute for Social Research, University of Michigan, Ann Arbor (Sabbatical)
Sept. 1981-July, 1989	Assistant Professor, Department of Psychology, University of Waterloo, Ontario, Canada
Fall, 1979; Summer, 1980	Instructor, Department of Psychology, Northwestern University

UNIVERSITY LEADERSHIP/ADMINISTRATION:

April, 2016-present	Associate Director, ADVANCE Program for Faculty and Graduate Student Equity, Diversity and Inclusion; UC Irvine's Office of Inclusive Excellence
2016-2018	Chair, UC Irvine's Committee on Committees (University Senate)
2015-2016	Chair, Founding Dean's Search Committee, Sue & Bill Gross School of Nursing, UC Irvine
2013-2016	Graduate Program Director, Department of Psychology and Social Behavior, UC Irvine
2012-2013	Academic Advisory Committee for Regent's Special Committee for the Selection of the President of the University of California

2012-2013	Chair, UC Irvine's Committee on Scholarly Honors and Awards (University Senate)
2011-2016	DECADE Faculty Mentor (to enhance diversity/improve climate), Department of Psychology and Social Behavior, UC Irvine
2007-2009	Faculty Chair, School of Social Ecology, UC Irvine
2002-2006	Graduate Program Director, Department of Psychology and Social Behavior, UC Irvine
2001-2002	Associate Director, Newkirk Center for Science and Society, UC Irvine
2000-2001	Chair, UC Irvine's Honors Program Advisory Panel (University Senate)
1998-1999	Associate Dean, Research, School of Social Ecology, UC Irvine
1996-1998	Faculty Chair, School of Social Ecology, UC Irvine
1994-1995	Faculty Chair, School of Social Ecology, UC Irvine
1992-2006	Coordinator, Health Psychology Graduate Program, Department of Psychology and Social Behavior, UC Irvine

PROFESSIONAL SERVICE (National/Government):

2018-present	President (2020-2021), President-Elect (2018-2019), Federation of Associations in Behavioral & Brain Sciences (FABBS)
2017-2019	Steering Committee, Impact360 Alliance (Formerly Alliance for Integrative Approaches to Extreme Environmental Events)
2016	President, Society of Experimental Social Psychology (2015: Vice President, Scientific Impact and Program Committees; 2014: Secretary/Treasurer, Career Trajectory Award, Membership, and Early Career Award Committees; 2013: elected to Executive Committee)
2014	Chair, American Psychological Association's Presidential Task Force on Translating Psychological Science for the Public
2013-2017	U.S. Food and Drug Administration Risk Communication Advisory Committee (Acting Chair, June 2015 meeting)
2010-2011	Appointment to the Community Resilience Task Force, Homeland Security Advisory Council, U.S. Department of Homeland Security
2008-2011	Consultant, Rural Domestic Preparedness Consortium (established by U.S. Congress and the U.S. Department of Homeland Security)
2007	Appointment to the Administration Transition Task Force, Homeland Security Advisory Council, U.S. Department of Homeland Security
2007	Appointment to the Risk Communications Assessment Working Group Homeland Security Advisory Council, U.S. Department of Homeland Security

- 2007 Appointment to the Working Group on Next Generation Aviation Passenger Security, Homeland Security Advisory Council, U.S. Department of Homeland Security
- 2006 Appointment to the Future of Terrorism Task Force, Homeland Security Advisory Council, U.S. Department of Homeland Security (Delivered briefing entitled “The Psychology of Terrorism”)
- 2006 Appointment to the Homeland Security Culture Task Force, Homeland Security Advisory Council, U.S. Department of Homeland Security
- 2006-2010 Appointed as the Society for the Psychological Study of Social Issues (SPSSI)’s Liaison to the Society for Community Research and Action’s Task Force on Disaster, Community Readiness, and Recovery
- 2005 Testified at U.S. House of Representatives’ Committee on Science Hearing entitled “The Role of Social Science Research in Disaster Preparedness and Response,” Washington, DC
- 2005-2006 Appointment to the Weapons of Mass Effect Prevention Task Force, Homeland Security Advisory Council, U.S. Department of Homeland Security
- 2004-2009 Research Education in Disaster Mental Health (REDMH) Faculty Mentor, National Institute of Mental Health
- 2001-2003 Scientific Advisory Panel on Grief Research, Center for the Advancement of Health, Washington, DC; Chair, Research Agenda Workgroup
- 1991-1997 NIMH Special Review Committee Member (12 review committees)
- 1990 Co-Organizer of American Psychological Association-Sponsored Scientific Conference on Hostility, Coping and Health, Lake Arrowhead, California
- 1988-1989 Co-Organizer of Invitational Conferences on the Self-Control of Thought and Emotion, Nags Head, North Carolina
- 1984-1987 Facilitator, Peer support groups for adult survivors of childhood incest experiences, Community Justice Initiatives, Kitchener, Ontario

PROFESSIONAL SERVICE (International):

- 2006-2019 Founding Board of Directors (2006-2019) and Chair (2014-2019), *Psychology Beyond Borders*, an international non-profit organization (Chair, Projects Committee)
- 2010 Visiting Scholar, Department of Social Psychology and 21st Century Human Interaction Research Center (HIRC21) of Toyo University, Tokyo, Japan
- 2010 Invited by the Universidad Andrés Bello (Instituto Salud y Futuro) of Chile to assist in post-earthquake recovery (Delivered professional & public lectures on “Coping with Traumatic Life Events: Ensuring Population Resilience”)
- 1999 Invited Participant, Taiwan National Science Council-Sponsored International Workshop on the Taiwan Chi-Chi Earthquake, Taichung, Taiwan (Presentation entitled: “Psychological Responses to Earthquakes”)

EDITORIAL SERVICE:

Editorial Board, *Disaster Health* (2012-2017)

Consulting Editor, *Anxiety, Stress and Coping: An International Journal* (2005-2008)

Executive Advisory Board, *Encyclopedia of Mental Health*, Academic Press (1998)

Guest Editor for *American Psychologist*, *Journal of Personality and Social Psychology*, *Proceedings of the National Academy of Sciences of the USA*

Ad Hoc Reviewer for *Journal of Personality and Social Psychology*, *Personality and Social Psychology Bulletin*, *Social Psychological and Personality Science*, *Personality and Social Psychology Review*, *Psychological Bulletin*, *Psychological Science*, *Perspectives on Psychological Science*, *Health Psychology*, *Proceedings of the National Academy of Sciences*, *Nature Human Behaviour*, *Journal of Consulting and Clinical Psychology*, *Journal of Traumatic Stress*, *Psychological Trauma: Theory, Research, Practice, and Policy*, *Traumatology*, *Journal of Personality*, *JAMA*, *Archives of General Psychiatry*, *American Journal of Psychiatry*, *PLOS ONE*, *Journal of Clinical Psychiatry*, *Clinical Psychological Science*, *Journal of Child Psychology and Psychiatry*, *Depression and Anxiety*, *Journal of Affective Disorders*, *Journal of Anxiety Disorders*, *British Journal of Psychiatry*, *Psychiatry Research*, *Psychiatry and Clinical Neurosciences*, *Current Opinion in Psychology*, *BMJ*, *American Journal of Epidemiology*, *Political Psychology*, *American Journal of Community Psychology*, *Media Psychology*, *Disaster Medicine & Public Health Preparedness*, *International Journal of Disaster Risk Reduction*, *Scandinavian Journal of Public Health*, *Disaster Health*, *Emerging Infectious Diseases*, *American Journal of Sports Medicine*, *Pediatric Neurology*, *Journal of Family Psychology*, *Social Science & Medicine*, *Anxiety, Stress and Coping*, *Developmental Psychology*, *Child Development*, *Child Development Perspectives*, *Psychology of Violence*, *Journal of Interpersonal Violence*, *Journal of Adolescent and Young Adult Oncology*, *PsyCh Journal*, *Journal of Empirical Research on Human Research Ethics*, and *The Scientific Review of Mental Health Practice*

Ad Hoc Reviewer for publishers including Lawrence Erlbaum & Associates, Prentice-Hall, Sage Publications, W. H. Freeman & Co., and Oxford University Press

Ad Hoc Extramural and Professional reviewer for the National Science Foundation, Centers for Disease Control, the National Cancer Institute, Israel Science Foundation, American Psychological Foundation, American Psychological Association Divisions 8, 35 and 38 Convention Programs

PROFESSIONAL AFFILIATIONS (University):

2013-present	Senior Research Fellow, The Institute for Homeland Security & Workforce Development, North Carolina Central University
2012-present	Member, Chao Family Comprehensive Cancer Center, UC Irvine
2008-present	Council of Mentors, UC Irvine Institute for Clinical and Translational Science
2008-present	Faculty Affiliate, California Institute for Hazards Research
2006-2009	External Advisory Board, NIMH-Sponsored Minority Research Infrastructure Support Program (M-RISP), California State University, Long Beach
2005-present	Executive Board, UCI's Interdisciplinary Center for the Scientific Study of Ethics and Morality
2004-2010	Faculty Affiliate, Center for Unconventional Security Affairs, UC Irvine
1996-2001	Undergraduate Research Opportunities Program (UROP) Advisory Board (inaugural member), UC Irvine

- 1993-2005 Faculty Associate, UC Irvine Research Unit in Health Policy and Research
- 1984-1989 Academic Associate, Centre for Applied Health Research, Univ. of Waterloo

MEMBERSHIPS IN PROFESSIONAL ORGANIZATIONS:

American Psychological Association (Divisions 8, 9, 38, 56)
 Association for Psychological Science
 International Society for Traumatic Stress Studies
 Society of Experimental Social Psychology
 Society for Health Psychology
 Society for Personality and Social Psychology
 Society for the Psychological Study of Social Issues

KEYNOTE/PLENARY SPEAKER:

- 2019 Invited Distinguished Speaker at the annual meeting of the Western Psychological Association, Pasadena, CA (Presentation entitled: “Media’s role in broadcasting the stress of collective traumas”)
- 2018 Invited participant, 24th Annual Coalition for National Science Funding Exhibition on Capitol Hill, Washington, DC (Presentation entitled: “Responding to the Risk of Hurricanes Harvey and Irma: Choices and Adjustment over Time”)
- 2018 Plenary Speaker, Natural Hazards Researchers Meeting, Broomfield, Colorado (Presentation entitled: “Using Innovative Population-Based Methods to Study Responses to Hurricanes Before and After Landfall”)
- 2016 Invited Distinguished Speaker at the annual meeting of the Western Psychological Association, Long Beach, CA (Presentation entitled: “Coping with Life’s Personal and Collective Tragedies”)
- 2014 Invited participant, University of California’s Capitol Hill Research Exhibit “Shaping the Future of Innovation and Research,” 20th Annual Coalition for National Science Funding Exhibition, Washington, DC
- 2014 Invited participant, AERA and AIR conference, “Schools, Rules, and Socialization Effects for Students,” Washington, DC
- 2014 Plenary Speaker, Society for Personality and Social Psychology’s Annual Presidential Symposium, Austin, TX (Presentation entitled: “Ready and Waiting: Studying Extreme Events in the Real World”)
- 2013 Invited Speaker, Coalition for National Science Funding and U.S. House of Representatives Research and Development Caucus Briefing entitled “Social Science Research on Disaster: Communication, Resilience, and Consequences,” Washington, DC
- 2013 Invited Speaker, National Research Council of the National Academies Workshop on Revisions to the Common Rule for the Protection of Human Subjects in Research in the Behavioral and Social Sciences, Washington, DC
- 2011 Invited Speaker, U.S. Department of Homeland Security Science and Technology Directorate Workshop on Community Resilience Research and U.S. Department of Homeland Security’s Resilience Integration Team (Delivered briefings entitled: “Assessing Community Resilience”), Rockville, MD

- 2011 Invited Speaker, International Society for Traumatic Stress Studies Presidential Symposium, Baltimore, MD (Presentation entitled: "The Aftermath of Terror: A Nationwide Longitudinal Study of Posttraumatic Stress across the 9/11 Decade")
- 2011 Invited Speaker, "Ten Years Later: What Have We Learned? The Psychological Impact of 9/11." Lecture and Webinar, Columbia University, New York
- 2011 Invited Address, Award for Distinguished Contributions to Psychology in the Public Interest, American Psychological Association Annual Convention (Presentation entitled "Coping with Life's Personal and Collective Tragedies")
- 2011 Invited Speaker, Public Workshop of The National Academies Committee on Increasing National Resilience to Hazards and Disasters, Irvine, CA
- 2011 Invited Speaker, New York University's IHDSC Conference on Children, Families, and Disaster in Haiti (Presentation entitled: "Preparing Ahead for International Disaster Research: Research Challenges and Ethical Dilemmas")
- 2010 Invited Speaker, Institute of Medicine of the National Academies Committee to Review the Federal Response to the Health Effects Associated with the Gulf of Mexico Oil Spill, Tampa, FL
- 2009 Invited participant, American Psychological Association's 5th Annual Science Leadership Conference, Washington, DC
- 2009 Invited Speaker, U.S. Department of Homeland Security Science and Technology Advisory Committee (Delivered briefing entitled: "Population Resilience: A Stress and Coping Perspective")
- 2009 Mentor, APA Science Student Council Mentoring Event, American Psychological Association Annual Convention, Toronto, Ontario
- 2009 Keynote Address, Annual "Psychology Day," California State University, Long Beach (Presentation entitled: "Coping with Traumatic Life Events")
- 2009 Invited to deliver G. Stanley Hall Lecture, Rocky Mountain Psychological Association Annual Convention (Presentation entitled: "Coping with Traumatic Life Events"), Albuquerque, NM
- 2009 Featured Speaker, First Annual East Tennessee State University IRB Forum, (Presentation entitled: "Preparing Ahead for Disaster and Traumatic Stress Research: Fostering Creativity, Collaboration, and Cooperation among Researchers and IRBs"), Johnson City, TN
- 2009 Invited Panelist, "The Science Behind Happiness," sponsored by the Interdisciplinary Center for the Scientific Study of Ethics and Morality, University of California, Irvine
- 2008 Invited Panelist, Association for Psychological Science Invited Symposium "Moving Forward with IRBs: Best Practices," Chicago, IL
- 2008 Invited Speaker, "California Wildfires: Policy Implications of Research Findings," California Board of Forestry and Fire Protection Workshop, Sacramento (Presentation entitled: "Ensuring Community Resilience: Public Engagement in Preparation, Response and Recovery")
- 2008 Decade of Behavior Distinguished Lecturer, American Educational Research Association Annual Meeting (Lecture entitled: "Coping with Traumatic Life Events"), New York, NY

- 2008 Keynote Address, Office for Human Research Protections (OHRP) National Research Community Forum (Presentation entitled: "Preparing Ahead for Disaster and Traumatic Stress Research"), Sacramento, CA
- 2007 Invited participant, American Psychological Association's 3rd Annual Science Leadership Conference, Washington, DC
- 2007 Invited participant, McCormick Tribune Foundation Conference on Vulnerable Populations: Emergency Preparedness, University of Maryland's Center for Health and Homeland Security, Washington, DC
- 2007 Invited Speaker, University of Southern California/UCLA IRB Retreat (Presentation entitled: "Preparing Ahead for Disaster Research")
- 2007 Invited participant, U.S. Department of Homeland Security Risk Perceptions and Communications Workshop (Science & Technology Directorate)
- 2007 Keynote Address, Public Responsibility in Medicine and Research's Social, Behavioral, Educational Research Conference, Denver (Presentation: "Joining Forces to Solve the Conundrums of Ethically Sensitive Research: Fostering Creativity, Collaboration and Cooperation among Researchers and IRBs")
- 2007 Invited participant, U.S. Food and Drug Administration Food Terrorism Expert Model Workshop on Consumer Preparedness and Response
- 2007 Plenary Speaker, Society for Personality and Social Psychology's Annual Presidential Symposium (Presentation entitled: "Coping with Life's Tragedies")
- 2006 Invited Speaker, Public Responsibility in Medicine and Research's Annual Human Research Protection Programs Conference, Washington, DC (Presentation entitled: "Being Prepared for Disaster and Traumatic Stress Research: Trust and Cooperation between the Researcher and the IRB")
- 2006 Guest panelist, Congressional Screening of *Beyond Fear*, hosted by Psychology Beyond Borders, the Congressional Mental Health Caucus, and the Addiction, Treatment, and Recovery Congressional Caucus, Washington, DC
- 2006 Invited Participant, "Quantifying the Psychosocial Impacts of Extreme Events," Social and Behavioral Research Program, Science and Technology Directorate, U.S. Department of Homeland Security
- 2006 Invited Panelist at National Science Board Workshop entitled "Toward a National Agenda for Hurricane Science and Engineering," Boulder, CO (Presentation entitled: "Conducting Research on Hurricanes: A Stress and Coping Perspective")
- 2005 Guest Panelist, "Negotiating Security in a Globalized World: A Symposium in Commemoration of the Fourth Anniversary of September 11," Sponsored by the Ethica Society, Los Angeles, CA
- 2005 Invited Participant, U.S. State Department/United Nations/Organization for Security and Cooperation in Europe Technical Expert Workshop on Suicide Terrorism, Vienna, Austria
- 2004 Invited Participant, U.S. Department of Homeland Security/National Academies Workshop on Terrorism Response and the Media, Portland, OR

- 2004 Invited VIP Participant/Observer, New War Threat Exercise, U.S. Coast Guard Academy, New London, CT
- 2004 Invited Participant, Charting a Course for Homeland Security Strategic Studies Planning Group, U.S. Coast Guard Academy, New London, CT
- 2004 Invited Speaker, CITRM: Conference on Innovations in Trauma Research Methods, New Orleans, LA (Presentation entitled: “Web-based Sampling Methods in Disaster Research: Opportunities and Challenges”)
- 2004 Invited Speaker, Lessons Learned from the International Assembly on Managing the Psychology of Fear and Terror, National Press Club Media Briefing, Washington, DC
- 2004 Briefing entitled “Crisis Communications Before, During, and After a Terrorist Attack”, delivered to three Homeland Security Advisory Council Senior Advisory Committees, U.S. Department of Homeland Security, Washington, DC
- 2003 Plenary Speaker, “Living in a More Anxious World Since 9/11: Meeting the Mental Health Needs of Culturally Diverse Populations in Health Care and Other Settings,” Council of Community Clinics, San Diego, CA (Presentation entitled: “The After-Effects of Trauma and Disaster: The Impact of Terrorism”)
- 2003 Guest Panelist, “The Global Impact of Ethics in Science and Media: A Multidisciplinary Symposium Commemorating the 2nd Anniversary of September 11th,” Sponsored by the Ethica Society, Los Angeles, CA
- 2003 Invited Speaker, “Homeland Terrorism: A Primer for First-Responder Journalists,” sponsored by the Western Knight Center for Specialized Journalism and the Annenberg School for Communication, University of Southern California (Presentation entitled: “Psychological Responses to Trauma: The Impact of Terrorism”)
- 2003 Plenary Speaker, The Social, Psychological, and Political Impact on the American Public of the September 11th Terrorist Attacks, sponsored by the Russell Sage Foundation, New York (Presentation entitled: “Results from a Nationwide Longitudinal Study of Responses to the 9/11 Terrorist Attacks”)
- 2003 Plenary Speaker, Facing Fear Together: Mental Health and Primary Care in a Time of Terrorism, sponsored by America’s HealthTogether and the Robert Wood Johnson Foundation, New York (Presentation entitled: “Coping with a National Trauma: Results from a Nationwide Longitudinal Study of Responses to the 9/11 Terrorist Attacks”)
- 2002 Invited Speaker, Public Workshop on “The Psychological Consequences of Terrorism and Systems for Response,” sponsored by the Institute of Medicine of the National Academies, Washington, DC (Presentation entitled: “Psychological Responses to Trauma: The Impact of Terrorism”)
- 2002 Invited Participant, International Conference on Disaster Psychology and Terrorism, sponsored by the National Center on Disaster Psychology and Terrorism, Palo Alto, CA
- 2002 Press Briefing, The Psychological Effects of September 11th, American Enterprise Institute for Public Policy Research, Washington, DC
- 2002 Invited Speaker, National Institutes of Health Behavioral and Social Science Research Lecture Series, Bethesda, MD (Lecture entitled: “Coping with a National Trauma: Results from a Nationwide Longitudinal Study of Responses to the 9/11 Terrorist Attacks”)

- 2002 Invited to deliver G. Stanley Hall Lecture “Thinking Critically about Coping with Life’s Traumas,” American Psychological Association Convention, Chicago, IL (Sponsored by Society for the Teaching of Psychology and the Education Directorate of the American Psychological Association)
- 2002 Invited by American Psychological Association’s Science Directorate Public Policy Office to represent Psychology at the Research Exhibit on Capitol Hill, sponsored by the Coalition for National Science Funding, Washington, DC (Presentation entitled: “Coping with Stressful Life Events: Navigating in the Wake of 9/11”)
- 1994 Invited Participant, National Science Foundation Sponsored Workshop on Global Impacts of Environmental Change, Rockville, Maryland
- 1994 Invited Participant, MacArthur Foundation Sponsored Meeting on Socio-economic Status and Health, San Francisco, California
- 1991 Invited Participant, Fourth Annual University of Massachusetts Conference on Adversity: Disruptions in Close Relationships, Amherst, MA (Talk entitled: “How do Close Relationships Cope with Stressful Life Events?”)
- 1990 Invited Participant, NIMH Sponsored Workshop on The Treatment of Adult Victims of Childhood Sexual Abuse, Chevy Chase, MD (Talk entitled: "Long-term Effects of Childhood Sexual Abuse")
- 1990 Invited Participant, MacArthur Foundation Health and Behavior Network Sponsored Conference on Morality and Health, Tucson, AZ (Talk entitled: "Adjustment to Stressful Life Events: The Role of World Views")
- 1988 Invited Participant, NIMH Sponsored Workshop on Traumatic Stress: Defining Terms and Instruments, Rockville, MD (Talk entitled: "Distinguishing Adaptive and Pathological Responses to Traumatic Events")
- 1980 Invited Participant, U.S. Department of Health, Education and Welfare Sponsored Workshop on SIDS Familial Impact Research, Key West, Florida (Talk entitled: "Methodological Issues in Research with Bereaved Parents")

EXTRAMURAL RESEARCH GRANTS:

Principal Investigator (with E. Alison Holman and Dana R. Garfin, co-PIs) of grant entitled: “RAPID: Uncertain Risk and Stressful Future: A National Study of the COVID-2019 Outbreak in the U.S.” National Science Foundation, 3/15/20 – 2/28/21. A national longitudinal study of the novel Coronavirus pandemic across the U.S. \$200,000 (total costs).

Co-Principal Investigator (with Farshid Vahedifard, PI) of grant entitled: “Reducing the Vulnerability of Disadvantaged Communities to the Impacts of Cascading Hazards under a Changing Climate.” National Science Foundation, 9/1/20 – 8/31/21. Planning grant to facilitate coordination of interdisciplinary research team on cascading hazards. \$118,724 (total costs).

Principal Investigator (with E. Alison Holman, co-PI) of grant entitled: “RAPID: Responding to the Risks of the 2018 Hurricane Season: Choices and Adjustment Over Time.” National Science Foundation, 11/15/18 – 10/31/20. A longitudinal study of threat of and exposure to Hurricanes Florence and Michael. \$180,632 (total costs).

Principal Investigator (with E. Alison Holman, co-PI) of grant entitled: “A National Longitudinal Study of Community Trauma Exposure.” National Science Foundation, 1/1/15 – 12/31/20. A national study of exposure to collective traumas across the U.S. \$486,612 (total costs) [\$333,396 initial award; \$49,876 supplement; \$103,340 supplement].

Co-Principal Investigator (with G. Wong-Parodi, PI) of grant entitled: “RAPID: An Interdisciplinary Study of Winds, Surge, Damage, Risk Analysis and Psychosocial Response before and after Hurricane Irma.” National Science Foundation, 1/15/18 – 12/31/19. \$160,171 (total award) [\$40,827 total subcontract costs].

Principal Investigator (UCI subcontract; PIs Melissa Brymer and Robert Pynoos, UCLA) of grant entitled: “Examining the Short- and Long-term Impact of Mass Violence in Communities.” National Institute of Justice, 1/1/17 – 9/30/19. \$201,101 (total subcontract costs).

Principal Investigator (with E. Alison Holman, co-PI) of grant entitled: “RAPID: Responding to the Risk of Hurricanes Harvey and Irma: Choices and Adjustment Over Time.” National Science Foundation, 10/1/17 – 9/30/18. A longitudinal study of threat of and exposure to Hurricanes Harvey and Irma. \$239,999 (total costs) [\$200,000 initial award; \$39,999 supplement].

Principal Investigator (with E. Alison Holman and Baruch Fischhoff, co-PIs) of grant entitled: “RAPID: Responding to Terror of a Different Kind: A National Study of the Ebola Epidemic.” National Science Foundation, 12/1/14 – 11/30/15. A national study of the Ebola outbreak in the U.S. \$160,306 (total costs).

Principal Investigator (with E. Alison Holman, co-PI) of grant entitled: “RAPID: Responding to Terror (Again): A National Study of the Boston Marathon Bombings.” National Science Foundation, 6/15/13 – 6/30/14. A study of the April 2013 Boston Marathon bombings among representative samples of residents of Boston, New York, and the U.S. \$178,643 (total costs).

Principal Investigator (with E. Alison Holman, co-PI) of grant entitled “A Gene-Environment Study of Coping among an Indonesian Sample Exposed to Repeated Natural Disasters.” UC Irvine Institute for Clinical and Translational Science Pilot Grant, National Institutes of Health, 6/1/13 – 5/31/14, \$27,500 (total costs).

Principal Investigator (with Fran Norris, co-PI) of grant entitled “Developing a Quantitative Index of the Psychosocial Impacts of Disasters and Terrorism.” U.S. Department of Homeland Security, 10/1/10 – 12/31/11. A multidisciplinary project to use publicly available vital statistics, archival and administrative data to create an index of the impact of natural and human-caused disasters and terrorism on the public’s health, social functioning, and political attitudes. \$400,000 (total costs).

Principal Investigator (with Richard Matthew and George Shambaugh, co-PIs) of grant entitled “Societal Implications of Individual Differences in Response to Turbulence: The Case of Terrorism.” Human and Social Dynamics Competition, National Science Foundation, 9/15/06 – 9/09. National longitudinal study of the political impact of ongoing psychological responses to terrorism. \$727,000 (total costs).

Co-Principal Investigator (with E. Alison Holman) of grant entitled “The Mental and Physical Health Effects of Terrorism and Trauma: A Prospective National Study.” Josiah Macy, Jr. Foundation, 10/03 – 11/05. A prospective study of physical responses to the 9/11 terrorist attacks. \$75,000 (total costs).

Principal Investigator of grant entitled “Coping with Community-based and Personal Trauma: National Response following September 11th.” National Science Foundation, 9/02 – 8/05. A national longitudinal study of responses to the September 11th terrorist attacks. \$589,987 (total costs).

- Principal Investigator of grant entitled "Coping with Community-based Traumatic Events: National Response to September 11, 2001." National Science Foundation, 2/02 – 1/03. A national longitudinal study of responses to the September 11th terrorist attacks. \$68,571 (total costs).
- Principal Investigator of grant entitled "Coping with Community-based Traumatic Events: The Columbine High School Shootings and the 9/11 Terrorist Attacks." National Science Foundation, 8/99 – 7/03. A longitudinal study of community responses to the shootings at Columbine High School and a national probability study of responses to the September 11th terrorist attacks. \$72,000 (total costs).
- Principal Investigator of grant entitled "Coping with the Littleton, Colorado School Shootings: Immediate Responses and Predictors of Adjustment among Children and their Families." Natural Hazards Research Center, University of Colorado, 4/99. \$2,000 (total costs).
- Principal Investigator of grant entitled "Coping with the Southern California Firestorms: Immediate Responses and Predictors of Adjustment." National Science Foundation, 12/15/93 – 11/30/95. A longitudinal study of responses to the Southern California firestorms. \$52,434 (total costs).
- Principal Investigator of grant entitled "Immediate Responses to the Southern California Firestorms." Natural Hazards Research Center, University of Colorado, 11/93. \$1,550 (total costs).
- Co-Principal Investigator (with Howard Waitzkin) of grant entitled "Somatization in Refugees and Others Seeking Primary Care." National Institute of Mental Health, 6/1/92 – 5/31/97. A cross-cultural study of somatization and post-traumatic stress disorders among immigrants and Central American refugees seeking primary care. \$869,503 (direct costs).
- Co-Principal Investigator (with Camille B. Wortman) of grant entitled "Productivity, Stress and Health in Middle and Late Life. Project 4: Widowhood, Bereavement, and Coping." National Institutes on Aging, 9/30/85 – 8/31/90. \$939,419 (direct costs).
- Principal Investigator of grant entitled "Coping with Stressful Life Events." Employment and Immigration Canada, Summer, 1985 and Summer, 1986. \$8,151 (direct costs).
- Principal Investigator of grant entitled "Women and Abusive Relationships: An Investigation of the Predictors of Remaining with an Abusive Partner." Ontario Ministry of Community and Social Services, May, 1985. \$1,505 (direct costs).
- Principal Investigator of grant entitled "Stress and Coping Following Participation in the Network Sponsored Event Known as the Forum." Werner Erhard Foundation, 9/1/84 – 8/31/87. \$74,250 (direct costs).
- Principal Investigator of grant entitled "Psychological Consequences of the Threat of Nuclear War." Employment and Immigration Canada, 5/1/84 – 9/1/84. \$15,470 (direct costs).
- Co-Principal Investigator (with Erik Z. Woody) of grant entitled "Psychological Determinants and Consequences of Overeating." Health and Welfare Canada, 10/1/82 – 3/31/86. \$26,380 (direct costs).
- Principal Investigator (with Camille B. Wortman) of grant entitled "SIDS Loss: Psychosocial Impact and Predictors of Coping." Bureau of Maternal and Child Health, U.S. Department of Health and Human Services, 9/1/81 – 9/30/86. A multi-site longitudinal investigation of psychological adjustment of parents following loss of an infant to Sudden Infant Death Syndrome. \$507,610 (direct costs).
- Project Director of grant entitled "Psychological Reactions to Uncontrollable Life Events." National Science Foundation, 7/1/78 – 8/31/83. A longitudinal study to identify the predictors of successful adjustment to spinal cord injury. \$206,474 (direct costs).

EDUCATION & TRAINING GRANTS:

Principal Investigator (with Geoff Ward) of University of California-Historically Black Colleges and Universities (UC-HBCU) Pathways grant, 7/1/12 – 6/30/15. Funded 6 students annually on UCI's campus for summer research and faculty collaborations. \$179,250 (total costs).

Co-Principal Investigator and Co-Director (with Peter Ditto) of Institutional Training Grant entitled "Social and Environmental Contexts of Adaptation." National Institute of Mental Health, 7/02 – 6/07. Offered specialized research and methodological training for graduate and postdoctoral fellows in the study of social and environmental adaptation across the lifespan. \$921,949 (total costs).

PUBLICATIONS:

Books:

Duck, S., with Silver, R. C. (Eds.) (1990). *Personal relationships and social support*. London, UK: Sage.

Fisher, J. D., Silver, R. C., Chinsky, J. M., Goff, B., & Klar, Y. (1990). *Evaluating a large group awareness training: A longitudinal study of psychosocial effects*. New York, NY: Springer-Verlag.

Friedman, H. S., & Silver, R. C. (Eds.) (2007). *Foundations of health psychology*. New York, NY: Oxford University Press.

Recognized as an "Outstanding Academic Title" from *Choice: Current Reviews for Academic Libraries*, 2007-08.

Journal Special Issue:

Silver, R. C. (Guest Editor) (2011). 9/11: Ten years later [Special issue]. *American Psychologist*, 66(6).

Journal Articles:

Herman, C. P., Polivy, J., & Silver, R. L. (1979). Effects of an observer on eating behavior: The induction of "sensible" eating. *Journal of Personality*, 47, 85-99.

Silver, R. L., Wortman, C. B., & Klos, D. S. (1982). Cognitions, affect and behavior following uncontrollable outcomes: A response to current human helplessness research. *Journal of Personality*, 50, 480-514.

Silver, R. L., Boon, C., & Stones, M. (1983). Searching for meaning in misfortune: Making sense of incest. *Journal of Social Issues*, 39(2), 81-102.

Fisher, J. D., Silver, R. C., Chinsky, J. M., Goff, B., Klar, Y., & Zagieboylo, C. (1989). Psychological effects of participation in a large group awareness training. *Journal of Consulting and Clinical Psychology*, 57, 747-755.

Research received National Psychological Consultants to Management Award for Excellence, Division 13, American Psychological Association, 1989.

Wortman, C. B., & Silver, R. C. (1989). The myths of coping with loss. *Journal of Consulting and Clinical Psychology*, 57, 349-357.

Reprinted in A. Monat & R. S. Lazarus (Eds.), *Stress and coping: An anthology* (3rd ed., pp. 388-406). New York, NY: Columbia University Press, 1991.

- Downey, G., Silver, R. C., & Wortman, C. B. (1990). Reconsidering the attribution-adjustment relation following a major negative event: Coping with the loss of a child. *Journal of Personality and Social Psychology, 59*, 925-940.
- Gray, J. D., & Silver, R. C. (1990). Opposite sides of the same coin: Former spouses' divergent perspectives in coping with their divorce. *Journal of Personality and Social Psychology, 59*, 1180-1191.
- Klar, Y., Mendola, R., Fisher, J. D., Silver, R. C., Chinsky, J. M., & Goff, B. (1990). Characteristics of participants in a large group awareness training. *Journal of Consulting and Clinical Psychology, 58*, 99-108.
- Herbert, T. B., Silver, R. C., & Ellard, J. H. (1991). Coping with an abusive relationship: I. How and why do women stay? *Journal of Marriage and the Family, 53*, 311-325.
- Reprinted in S. M. Stith & M. A. Straus (Eds.), *Understanding partner violence: Prevalence, causes, consequences, and solutions* (pp. 182-194). Minneapolis, MN: National Council on Family Relations, 1995.
- Hunsley, J., Silver, R. C., & Lee, C. M. (1991). Anticipating meeting a peer: Cognitive processes in distressed and nondistressed women. *Canadian Journal of Behavioural Science, 23*, 411-422.
- McIntosh, D. N., Silver, R. C., & Wortman, C. B. (1993). Religion's role in adjustment to a negative life event: Coping with the loss of a child. *Journal of Personality and Social Psychology, 65*, 812-821.
- Davis, C. G., Lehman, D. R., Wortman, C. B., Silver, R. C., & Thompson, S. C. (1995). The undoing of traumatic life events. *Personality and Social Psychology Bulletin, 21*, 109-124.
- Wayment, H. A., Silver, R. C., & Kemeny, M. (1995). Spared at random: Survivor reactions in the gay community. *Journal of Applied Social Psychology, 25*, 187-209.
- Davis, C. G., Lehman, D. R., Silver, R. C., Wortman, C. B., & Ellard, J. H. (1996). Self-blame following a traumatic event: The role of perceived avoidability. *Personality and Social Psychology Bulletin, 22*, 557-567.
- Holman, E. A., & Silver, R. C. (1996). Is it the abuse or the aftermath? A stress and coping approach to understanding responses to incest. *Journal of Social and Clinical Psychology, 15*, 318-339.
- Lepore, S. J., Silver, R. C., Wortman, C. B., & Wayment, H. A. (1996). Social constraints, intrusive thoughts, and depressive symptoms among bereaved mothers. *Journal of Personality and Social Psychology, 70*, 271-282.
- Elderkin-Thompson, V., Silver, R. C., & Waitzkin, H. (1998). Narratives of somatizing and nonsomatizing patients in a primary care setting. *Journal of Health Psychology, 3*, 407-428.
- Escobar, J. I., Gara, M., Silver, R. C., Waitzkin, H., Holman, E. A., & Compton, W. (1998). Somatisation Disorder in primary care. *The British Journal of Psychiatry, 173*, 262-266.
- Escobar, J. I., Gara, M., Waitzkin, H., Silver, R. C., Holman, A., & Compton, W. (1998). DSM-IV Hypochondriasis in primary care. *General Hospital Psychiatry, 20*, 155-159.
- Escobar, J. I., Waitzkin, H., Silver, R. C., Gara, M., & Holman, E. A. (1998). Abridged somatization: A study in primary care. *Psychosomatic Medicine, 60*, 466-472.

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- Also appears in R. Geffner, M. Braverman, J. Galasso, & J. Marsh (Eds.), *Aggression in organizations: Violence, abuse, and harassment at work and in schools* (pp. 197-223). Binghamton, NY: Haworth Press, 2004.
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- Silver, R. C. (2004). The myths of healing. *Families, Systems, & Health*, 22, 61-63.
- Silver, R. C., Poulin, M., Holman, E. A., McIntosh, D. N., Gil-Rivas, V., & Pizarro, J. (2004). Exploring the myths of coping with a national trauma: A longitudinal study of responses to the September 11th terrorist attacks. *Journal of Aggression, Maltreatment & Trauma*, 9, 129-141.
- Also appears in Y. Danieli, D. Brom, & J. Sills (Eds.), *The trauma of terrorism: Sharing knowledge and shared care, An international handbook* (pp. 129-141). Binghamton, NY: Haworth Press, 2005.
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- Pizarro, J., Silver, R. C., & Prause, J. (2006). Physical and mental health costs of traumatic war experiences among Civil War veterans. *Archives of General Psychiatry (JAMA Psychiatry)*, 63, 193-200.
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- Abstracted in *Year Book of Psychiatry & Applied Mental Health 2007*, 152-153, 2007.
- Schlenger, W. E., & Silver, R. C. (2006). Web-based methods in terrorism and disaster research. *Journal of Traumatic Stress*, 19, 185-193.
- Westmaas, J. L., & Silver, R. C. (2006). The role of perceived similarity in supportive responses to victims of negative life events. *Personality and Social Psychology Bulletin*, 32, 1537-1546.
- Gil-Rivas, V., Silver, R. C., Holman, E. A., McIntosh, D. N., & Poulin, M. (2007). Parental response and adolescent adjustment to the September 11, 2001 terrorist attacks. *Journal of Traumatic Stress*, 20, 1063-1068.
- Holman, E. A., Silver, R. C., Poulin, M., Andersen, J., Gil-Rivas, V., & McIntosh, D. N. (2008). Terrorism, acute stress, and cardiovascular health: A 3-year national study following the September 11th attacks. *Archives of General Psychiatry (JAMA Psychiatry)*, 65, 73-80.
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Wortman, C. B., & Silver, R. C. (1992). Reconsidering assumptions about coping with loss: An overview of current research. In L. Montada, S.-H. Filipp, & M. J. Lerner (Eds.), *Life crises and experiences of loss in adulthood* (pp. 341-365). Hillsdale, NJ: Erlbaum.

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- Wortman, C. B., & Silver, R. C. (2001). The myths of coping with loss revisited. In M. S. Stroebe, R. O. Hansson, W. Stroebe, & H. Schut (Eds.), *Handbook of bereavement research: Consequences, coping, and care* (pp. 405-429). Washington, DC: American Psychological Association.
- Schlenger, W. E., & Silver, R. C. (2006). Web-based methods in disaster research. In F. H. Norris, S. Galea, M. J. Friedman, & P. J. Watson (Eds.), *Methods for disaster mental health research* (pp. 129-140). New York, NY: Guilford Press.
- Silver, R. C., Holman, E. A., McIntosh, D. N., Poulin, M., Gil-Rivas, V., & Pizarro, J. (2006). Coping with a national trauma: A nationwide longitudinal study of responses to the terrorist attacks of September 11. In Y. Neria, R. Gross, R. Marshall, & E. Susser (Eds.), *9/11: Mental health in the wake of terrorist attacks* (pp. 45-70). New York, NY: Cambridge University Press.
- Westmaas, J. L., Gil-Rivas, V., & Silver, R. C. (2007). Designing and implementing interventions to promote health and prevent illness. In H. S. Friedman & R. C. Silver (Eds.), *Foundations of health psychology* (pp. 52-70). New York, NY: Oxford University Press.
- Brow, M., & Silver, R. C. (2009). Coping with a collective trauma: Psychological reactions to 9/11 across the United States. In M. Morgan (Ed.), *The impact of 9-11: The day that changed everything? Volume V. 9/11 in psychology and education* (pp. 37-48). New York, NY: Palgrave Macmillan.
- Westmaas, J. L., Gil-Rivas, V., & Silver, R. C. (2011). Designing and conducting interventions to enhance physical and mental health outcomes. In H. S. Friedman (Ed.), *The Oxford handbook of health psychology* (pp. 73-94). New York, NY: Oxford University Press.
- Silver, R. C., & Updegraff, J. A. (2013). Searching for and finding meaning following personal and collective traumas. In K. D. Markman, T. Proulx, & M. J. Lindberg (Eds.), *The psychology of meaning* (pp. 237-255). Washington, DC: American Psychological Association.
- Silver, R. C., & Garfin, D. R. (2016). Coping with disasters. In J. C. Norcross, G. R. VandenBos, & D. K. Freedheim (Editors-in-Chief), *APA handbook of clinical psychology: Vol. 4. Psychopathology and health* (pp. 597-611). Washington, DC: American Psychological Association.

INVITED PRESENTATIONS AT INTERNATIONAL CONFERENCES:

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| 2019, October | <i>Coping with life's personal and collective tragedies.</i> Keynote address, Big Questions Conference: Happiness & Suffering. Singapore Management University, Singapore. |
| 2019, April | <i>Media's role in broadcasting the stress of collective traumas: An update.</i> Invited participant in International Conference on "Innovations in Health Psychology 2019," Waiheke Island, New Zealand |
| 2017, May | <i>Media transmission of collective traumas.</i> Keynote address, Fourth International Congress and Fifth Latin American and Caribbean Meeting on Psychology in Emergencies and Disasters, Santiago, Chile |

- 2017, April *Revisiting media transmission of trauma: For whom, from where, and why?* Invited participant in International Conference on “Innovations in Health Psychology 2017,” Wanaka, New Zealand
- 2015, July *The acute and long-term effects of terrorism: From the 9/11 attacks to the bombing of the Boston Marathon.* Cursos de Verano de la Universidad Complutense de Madrid 2015, San Lorenzo de El Escorial, Spain
- 2015, April *Media transmission of trauma.* Invited participant in International Conference on “Innovations in Health Psychology 2015,” Aitutaki, Cook Islands
- 2013, July *Coping with personal and collective traumatic life events.* Cursos de Verano de la Universidad Complutense de Madrid 2013, San Lorenzo de El Escorial, Spain
- 2013, June *Coping with life’s personal and collective tragedies.* Keynote address, 34th Annual Stress and Anxiety Research Society (STAR) Conference, Faro, Portugal
- 2011, November *Making sense of traumatic life events.* Invited participant in Society for the Psychological Study of Social Issues/European Association of Social Psychology joint conference on “Meaning and Existential Psychology,” Tilburg, The Netherlands
- 2011, April *Coping with collective traumas: Vulnerability vs. resilience.* Invited participant in International Conference on “New Developments in the Psychology of Illness,” Coromandel, New Zealand
- 2009, April *Mental health effects of an economic meltdown: Findings from a national study of Americans’ reactions to the 2008-09 financial crisis.* Invited participant in International Conference on “New Developments in the Psychology of Illness,” Yasawa Islands, Fiji
- 2007, April *Psychological responses to trauma: The impact of terrorism.* Invited participant in International Conference on “New Developments in the Psychology of Illness and Health Care,” Aitutaki, Cook Islands
- 2002, May *Thinking critically about coping with life’s traumas.* Keynote address, Canadian Psychological Association Annual Convention, Vancouver, British Columbia
- 1997, March *The co-occurrence of PTSD and somatization in medical settings.* Invited participant in International Symposium on “Post-Traumatic Stress Disorder,” Antwerp, Belgium
- 1994, August *Social responses to disclosure following traumatic life events.* Invited participant in International Conference on “Emotion, Disclosure, and Health,” Fort Burgwin, Taos, New Mexico
- 1989, July *The role of positive emotion in coping with critical life events.* Invited participant in 1st International Conference on “Crises and Loss Experiences in the Adult Years,” University of Trier, West Germany
- 1987, July *The importance of positive emotions in coping with stressful life events.* Invited participant in Reimers International Conference on the Social Psychology of Subjective Well-Being, Bad Homburg, West Germany

- 1987, March *The presence and nature of ruminations following stressful life events.* Invited participant in International Conference on "Ruminations, Self-Referent Cognitions, and Stress," Memphis State University, Memphis, TN
- 1986, July *Ruminations following loss of a loved one.* Invited participant in panel on Bereavement and Health, 21st International Congress of Applied Psychology, Jerusalem, Israel
- 1983, December *Learned resourcefulness and coping among parents whose babies died suddenly.* Invited participant in International Symposium on Learned Resourcefulness, World Congress on Behavior Therapy, Washington, DC
- 1983, October *Self-reported happiness among victims of misfortune.* Invited participant in the Fourth Ontario Symposium on Personality and Social Psychology, London, Ontario, Canada
- 1983, January *Exploring the myths of coping.* Keynote address delivered at Third International Conference on Stress and Adjustment in Time of War and Peace, Tel Aviv, Israel

INVITED COLLOQUIA:

- 2017, May & August Faculty of Communications, Pontificia Universidad Católica de Chile, Santiago, Chile
- 2017, May Faculty of Medicine, Universidad Andrés Bello, Santiago, Chile
- 2017, February Department of Psychology, Claremont Graduate University
- 2012, November Social Psychology Area, University of Southern California
- 2011, December Department of Psychology, University of California, Riverside
- 2011, August RAND Psychology Speaker Series, Santa Monica, California
- 2010, June Social Psychology Department, Faculty of Sociology, Toyo University, Tokyo, Japan
- 2010, May Social Psychology Area, UC Santa Barbara
- 2010, April Faculty of Medicine, Universidad Andrés Bello, Santiago, Chile
- 2009, April Counseling and Psychological Services, University of California, San Diego
- 2008, May School of Psychology, Fuller Theological Seminary
- 2008, March Department of Psychology, San Diego State University
- 2005, April Department of Psychology, University of Arizona
- 2003, July RAND, Santa Monica, California
- 2001, April Department of Psychology, California State University, Long Beach
- 2001, March Social Psychology Program, University of Southern California
- 2001, March Department of Psychology, State University of New York, Stony Brook

1998, November	Health Psychology/Behavioral Medicine Seminar Series, UCLA
1998, May	Social Psychology Area, UC Santa Barbara
1993, November	Health Psychology and Behavioral Medicine Symposium, CSU Fullerton
1993, March	Institute for Health Promotion & Disease Prevention Research, USC School of Medicine
1993, February	Department of Psychology, Case Western Reserve University
1992, November	Social Psychology Area, University of Southern California
1992, September	Social Psychology Area, University of Waterloo
1991, February	Health Psychology/Behavioral Medicine Seminar Series, UCLA
1988, August	Department of Psychology, University of Iowa
1988, March	Department of Psychology, University of Western Ontario
1988, January	Health Psychology/Social Psychology Seminar Series, UCLA
1987, November	Department of Social and Organizational Psychology and Center for the Study of Behavioral and Social Aspects of Health, State University of New York, Buffalo
1985, March	Department of Psychology, Northwestern University
1982, November	Department of Psychology, University of Guelph
1981, November	Division of Social Psychology, University of Toronto

INVITED PRESENTATIONS TO COMMUNITY ORGANIZATIONS OR GROUPS:

2019, April	<i>A study of evacuation decisions and behavior during the 2017 hurricane season. Evacuating in response to the threat of a hurricane: It's complicated.</i> 2019 National Hurricane Conference, New Orleans, LA
2016, August	Women of UCI Speaker Series, Academic & Professional Women of UCI
2016, August	<i>Coping with traumatic life events.</i> Plenary Speaker, 10 th Annual National Conference on Responding to Missing and Unidentified Persons, Atlanta, GA
2012, May	<i>Coping with traumatic life events.</i> Distinguished Guest Lecture, Saddleback College Emeritus Institute, Laguna Woods, CA
2011, May	<i>Coping with traumatic life events: A primer for health care professionals.</i> Invited speaker, Providence Holy Cross Medical Center Evidence-Based Nursing Research Day, Mission Hills, CA
2009, April	<i>Coping with traumatic life events.</i> Public Lecture, East Tennessee State University, Johnson City, TN

- 2007, January *Thinking critically about coping with life's traumas.* Sigma Xi, The Scientific Research Society, Anaheim, CA
- 2006, March *Coping with traumatic life events.* UC Irvine Libraries' Speaker Series, Irvine, CA.
- 2005, September *Coping with a national trauma: A nationwide longitudinal study of responses to the 9/11 terrorist attacks.* Presentation delivered to Academicians of Laguna Woods, CA.
- 2005, January *Psychological responses to trauma: The impact of terrorism.* Presentation delivered to Friends of CUNY, Laguna Woods, CA.
- 2003, December *The aftereffects of trauma and disaster.* Presentation delivered at Alliant International University's "A Response to Disaster: Helping Communities Cope," San Diego, CA.
- 2001-2002 *Coping with traumatic life events: The September 11th terrorist attacks against the U.S.* (10 Public Lectures to various organizations, including UC Irvine's CEO Roundtable, UCLA Anderson School's IS Associates, UCthink.community Open Forum, UC Irvine Parents and Family Day, JCC of Orange County.)
- 2001, March *The myths of coping with loss.* Academy for Lifelong Learning, UC Irvine
- 1997, June *The myths of coping with loss.* Public Lecture, University Forum, UC Irvine
- 1994, April & Dec. *The University of California Vietnam Veteran's Study.* Public Lectures, Hughes Veteran's Forum, Fullerton, California
- 1993, April *The myths of coping with loss.* Public Lecture, Social Ecology Associates, UC Irvine
- 1987, September *Reactions to a SIDS loss: Results of a 5-year study (1981-1986).* Keynote address, National SIDS Foundation 25th Anniversary National Meeting, Bethesda, MD
- 1986, September *Coping with SIDS loss.* Keynote address delivered at National SIDS Foundation Western Regional Conference, Oakland, CA
- 1985, May *The long-term impact of childhood incest experiences.* Invited address delivered to at the 1985 Province of Ontario Family Court Clinics Conference, Toronto, ON
- 1982, April *Coping with stressful life events.* Public Lecture, Gettysburg College, Gettysburg, PA

CONFERENCE PRESENTATIONS: (selected from 220+ presentations)

- Silver, R. C. (2014, November). Coping with adversity across the lifespan. In C. Benight (Chair), *Theoretical approaches to long-term impact of childhood trauma.* Panel conducted at the annual meeting of the International Society for Traumatic Stress Studies, Miami, FL
- Silver, R. C. (2011, April). (Chair). *Global disasters and trauma: Preparation, coping, and psychosocial responses.* Symposium conducted at the annual meeting of the Western Psychological Association, Los Angeles, CA.
- Silver, R.C. (2010, January). *A social psychologist reflects on coping with traumatic life events.* Paper presented at the Health Research in Social & Personality Psychology SPSP Preconference, Las Vegas, NV.

- Silver, R., Updegraff, J., & Holman, E. A. (2010, January). Searching for and finding meaning in both personal and collective traumas. In K. Markman (Chair), *Making meaning: The human quest for understanding and coherence*. Symposium conducted at the annual meeting of the Society for Personality and Social Psychology, Las Vegas, NV.
- Silver, R., Holman, E. A., McIntosh, D., Poulin, M., & Gil-Rivas, V., & Pizarro, J. (2005, May). A nationwide longitudinal study of responses to the 9/11 terrorist attacks. In Y. Neria (Chair), *The long term psychological aftermath of 9/11-related traumatic loss*. Symposium conducted at the annual meeting of the American Psychiatric Association, Atlanta, GA.
- Silver, R. (2004, November). Coping with a national trauma: Results from a nationwide longitudinal study of responses to the 9/11 terrorist attacks. In R. Gist (Chair), *Response to disaster: New research, ageless wisdom, and efficacy*. Symposium conducted at the annual meeting of the International Society for Traumatic Stress Studies, New Orleans, LA.
- Silver, R. C. (2003, March). *Thinking critically about coping with life's traumas*. Invited address (G. Stanley Hall lecture) at the annual meeting of the Eastern Psychological Association, Baltimore, MD.
- Silver, R. C., Holman, E. A., McIntosh, D. N., Poulin, M., & Gil-Rivas, V. (2003, February). Coping with a national trauma: Results from a nationwide longitudinal study of responses to the 9/11 terrorist attacks. In L. J. Skitka (Chair), *The expulsion from Disneyland: Understanding the psychological impact of terrorism*. Symposium conducted at the annual meeting of the Society for Personality and Social Psychology, Los Angeles, CA.
- Silver, R. C., Gil-Rivas, V., & Holman, E. A. (2001, November). The appraisal of stressful life events: The influence of age, experience, and ethnicity. In J. Heckhausen (Chair), *Adaptation to stressful events and transitions across the lifespan*. Symposium conducted at the annual meeting of the Gerontological Society of America, Chicago, IL.
- Silver, R. C. (1996, April). *Social responses to discussion of traumatic life events*. Invited address at the annual meeting of the Western Psychological Association, San Jose, CA.
- Silver, R. C. (1995, September). Social responses to ventilation following traumatic life events. In B. Rime and J. W. Pennebaker (Co-Chairs), *Spontaneous disclosure and social sharing of emotion*. Symposium conducted at the annual meeting of the Society of Experimental Social Psychology, Washington, DC.
- Silver, R. C. (1994, August). (Chair) *Temporal perspectives: A topic whose time has come -- again*. Symposium conducted at the annual meeting of the American Psychological Association, Los Angeles, CA.
- Silver, R. C. (1994, August). (Chair) *Another look at Vietnam Veterans*. Symposium conducted at the annual meeting of the American Psychological Association, Los Angeles, CA.
- Silver, R. C. (1993, August). Studying the social networks of victims of stressful life events. In K. Heller (Chair), *Methodological problems in conducting research on support networks*. Symposium conducted at the annual meeting of the American Psychological Association, Toronto, ON.
- Silver, R. C. (1991, August). (Co-Chair) *New directions in traumatic stress research*. Symposium conducted at the annual meeting of the American Psychological Association, San Francisco, CA.
- Silver, R. C. (1990, November). (Chair) *Coping, adjustment, and health*. Symposium conducted at the APA sponsored conference on Hostility, Coping and Health, Lake Arrowhead, CA.

- Silver, R. C. (1990, October). How do close relationships cope with stressful life events? In J. G. Holmes (Chair), *Social support in close relationships: A dynamic system?* Symposium conducted at the Society of Experimental Social Psychology Relationships Preconference, Buffalo, NY.
- Silver, R. C., & Urbanowicz, A. (1990, August). A study of successful and unsuccessful support providers following bereavement. In K. Heller (Chair), *Understanding factors responsible for support intervention success and failure*. Symposium conducted at the annual meeting of the American Psychological Association, Boston, MA.
- Silver, R. C. (1989, October). The interaction of recipient and potential support provider: The self-presentational dilemma of victims of life crises. In I. G. Sarason (Chair), *Chasing the will-o-th'-wisp? The search for theory in social support research*. Symposium conducted at the annual meeting of the Society of Experimental Social Psychology, Santa Monica, CA.
- Silver, R. C. (1989, May). *The role of positive emotion in coping with stressful life events*. Invited address at the annual meeting of the Midwestern Psychological Association, Chicago, IL.
- Silver, R. C., & Gray, J. (1988, August). Opting out of marriage: The importance of controlling the event. In J. D. Fisher (Chair), *Initiation and maintenance of personal change: The change-seeker's perspective*. Symposium conducted at the annual meeting of the American Psychological Association, Atlanta, GA.
- Silver, R. C., Urbanowicz, B. A., & Hawkins, J. D. (1988, August). Can intimates really help? Support following stressful events. In M. A. P. Stephens (Chair), *Social support: The individual and the environment*. Symposium conducted at the annual meeting of the American Psychological Association, Atlanta, GA.
- Silver, R. C. (1988, May). *The role of positive emotion in coping with life crises*. Participant at the First Invitational Conference on the Self-Control of Thought and Emotion, Nags Head, NC.
- Silver, R. C., & Wortman, C. B. (1988, April). Myths of coping with loss. In S. E. Hobfoll & L. Jason (Chairs), *Stress and stress resistance: New approaches and models*. Symposium conducted at the annual meeting of the Midwestern Psychological Association, Chicago, IL.
- Silver, R. C. (1987, August). (Chair) *Stress, coping and adjustment to illness*. Poster session at the annual meeting of the American Psychological Association, New York, NY.
- Silver, R. C. (1986, August). The role of positive emotions in the coping process. In C. Wortman (Chair), *Coping with life traumas: Current research themes*. Symposium conducted at the annual meeting of the American Psychological Association, Washington, DC.
- Silver, R. C., & Sharp, D. E. A. (1986, August). Blocking ruminations of negative life events. In J. Pennebaker (Chair), *The psychology of suppression*. Symposium conducted at the annual meeting of the American Psychological Association, Washington, DC.
- Silver, R. L. (1983, May). *The myths of coping*. Invited participant in First International Conference on Behavioral Health, Nags Head, NC.
- Silver, R. L. (1982, June). Attributions of blame and fairness and coping with physical disability. In H. M. Lefcourt (Chair), *Personality mediators of life stresses*. Symposium conducted at the annual meeting of the Canadian Psychological Association, Montreal, PQ.

Silver, R. L., & Wortman, C. B. (1980, September). Expectations of control and coping with permanent paralysis. In K. A. Wallston (Chair), *Issues of control and health*. Symposium conducted at the annual meeting of the American Psychological Association, Montreal, PQ.

Silver, R. L., Polivy, J., & Herman, C. P. (1978, August). Cognitive aspects of weight control: Commitment to dieting and eating. In C. Thoresen (Chair), *Cognitive processes and problems in weight loss management*. Symposium conducted at the annual meeting of the American Psychological Association, Toronto, ON.

CONSULTING:

Consultant, NIH grant on Psychosocial Factors in Bone Marrow Donation, Irwin Sarason (PI), Puget Sound Blood Center, Seattle, WA (1988)

Consultant on Psychosocial Responses to Incest, Grey Bruce Regional Health Centre, Owen Sound, Ontario, Canada (1987)

Consultant on Parental Responses to Sudden Infant Death Syndrome Loss, County of Orange, CA (1986)

MAJOR RESEARCH INTERESTS:

Coping with stressful life experiences (including personal traumas, natural and community disasters); cognitive, affective, social, and physical responses to traumatic life events and their changes over time; identifying the predictors of effective coping with traumatic experiences; long-term sequelae of acute and chronic stress; how beliefs and expectations of the social network impact on the coping process.