Richard A. Lawhern, PhD

Patient Advocate in Chronic Pain Communities

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EDUCATION

California Polytechnic College, San Luis Obispo CA 1962-1966

BS Electrical Engineering (with Honors)

1967-1969 University of Washington, Seattle

MS Electrical Engineering

University of California, Los Angeles 1972-1976

PhD Engineering Systems (Dynamic Systems Control)

CAREER OVERVIEW

1966-1988 (Colonel

21 years uniformed military service concluded as Lt Colonel, USAF

Select). Last military position, Director of Integration for the B-52 Bomber

Modernization Program, Wright Patterson AFB, OH.

Career assignments in evaluation of emerging technologies, systems engineering and acquisition management. Published peer-reviewed

papers

in classified and unclassified literature for air traffic control testing, radar

propagation in heavy rain, space based radar systems technology,

electronic

intelligence collection systems, strategic nuclear attack detection and warning, advanced target location techniques from low altitude aircraft.

1988-2009

21 years civilian service in defense aerospace industry as operations research analyst, computer assisted training developer, military intelligence domain architect, course developer and lecturer in open source intelligence

collection and internet-based market research. Last position Chief

Systems

Engineer, Technology Integrated Product Team - US ARMY Future Combat

Systems program (SAIC Inc, Tysons Corners VA).

Extensive papers in classified literature, addressing large-scale systems acquisition and systems analysis for systems of systems; evaluation of emerging military technologies; modeling of military command, control and

communications networks.

1996-Present

Volunteer patient advocate and healthcare writer, medical literature analyst, information miner. Website designer, webmaster and moderator for chronic pain patients, families and medical professionals in peer to peer social

media.

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1996 - 2001Board.

US Trigeminal Neuralgia Association - webmaster and member of the

Revised, re-hosted and researched source materials for a website serving 5000+ chronic neurological face pain patients. With Cindy Fleishman,

designed the first US national survey of diagnosis and treatment outcomes in

Trigeminal Neuralgia, compiling over 12,000 patient responses. 2001

Aesculapius Award for Excellence in Web-Based Healthcare

Communication, by the Health Improvement Institute.

2001-2010 Volunteer moderator, commentator and Web author in multiple chronic pain

forums for peer to peer support groups including About.com, WebMD, and

US Trigeminal Neuralgia Association.

2010-2015 Subject matter expert, research analyst and moderator for "Living With

TN", an online-community within the Ben's Friends group for patients

rare medical disorders.

2013-2021 Subject matter expert and healthcare writer for ~50 Facebook groups

focused on chronic pain patients and families. Extensive publications on issues of public policy in the prescription of opioid analgesics for

management of chronic intractable pain. Director of Research for the Alliance for the Treatment of Intractable Pain, a network of ~450

medical

professionals, healthcare writers, support group leaders, knowledgeable

patients and family members.

EARLY CAREER PUBLICATIONS US DEFENSE COMMUNITY

ConferenceCo-Editor, "Proceedings of the Conference on Analytical Thinking and Organizational Culture," CIA Colloquium on the 21st Century, October 1998

Presentations: "Internet Sites of Interest to Department of Defense – A Corporate

Perspective," invited presentation to the November 1995 users

conference of the Defense Technical Information Center, Alexandria VA

"Impacts of the Internet on Post-Secondary Education," invited presentation to the 1995 faculty off-site conference of Shenandoah University, Front

Royal VA.

Web Publications: "Quick Search the Internet" – Internet research training course on "Voice of

The Shuttle", University of California Santa Barbara, 1993

http://vos.ucsb.edu/shuttle/Lawhern.html

Websites: Allegheny General Hospital Department of Neurosurgery – Cranial Nerve

Center: http://www.asri.edu/AGH/neuro/janetta/

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CURRENT PUBLICATIONS

Richard A Lawhern, PhD, "Who Gets TN – Demographics of a Social Networking Website" *Ben's Friends communities for patients with rare medical disorders*. March 15, 2012. Archived at

http://www.Lawhern.org/DemographicsFacialPain.docx.

Richard A. Lawhern, PhD, "Psychogenic Pain and latrogenic Suicide", *Global Summit for Diagnostic Alternatives*, Society for Humanistic Psychology, July 5, 2013 http://dxsummit.org/archives/1002

Richard A. Lawhern, PhD, "It's NOT All In Your Head", Mad in America, October 27, 2013, https://www.madinamerica.com/2013/10/head/

Richard A. Lawhern, PhD, "Somatic Symptom Disorder", Blog of Dr. David Healy, Psychiatrist, Psychopharmacologist, Scientist. February 2014.

Richard A. Lawhern, PhD "Stop the War on Chronic Pain Patients" *National Pain Report*, May 26, 2016

http://nationalpainreport.com/opinion-stop-the-war-on-chronic-pain-patients-88 30555.html

Richard A. Lawhern, PhD, "An Opportunity to Make Ourselves Heard" *Pain News Network*, July 3, 2016

https://www.painnewsnetwork.org/stories/2016/7/3/s0jywevzlbm6jdoiwil01xdsi 2vr1k

Richard A. Lawhern, PhD, "Tracking Down the 'Research' Behind The CDC's Opioid Prescribing Guidelines", *National Pain Report*, August 10, 2016. http://nationalpainreport.com/tracking-down-the-research-behind-the-cdcs-opioid-prescribing-quidelines-8831122.html

Erika Conrad, "The CDC is Wrong – A Speech By Richard A. Lawhern, PhD," *Face Facts* - The Facial Pain Advocacy Alliance (FPAA), October 27, 2016. http://face-facts.org/3000-2/

Josh Bloom, PhD, "In Search of Sane Pain Policies – An Interview With Richard A. Lawhern, PhD", *American Council on Science and Health*, November 10. 2016

https://www.acsh.org/news/2016/11/10/search-sane-pain-policies-interview-richard-Lawhern-phd-10430

Josh Bloom, PhD, "A Report Card on the American Healthcare System -- F" - Opinion, American Council on Science and Health, November 26, 2016. https://www.acsh.org/news/2016/11/26/report-card-american-healthcare-system-10486

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Richard A. Lawhern, Ph.D. "The CDC's Fictitious Opioid Epidemic Part I", *Journal of Medicine* of the US College of Physicians, January 15, 2017 https://www.ncnp.org/journal-of-medicine/1929-doctors-fleeing-pain-management-dumping-patients.html

Richard A. Lawhern, Ph.D "CDC Opioid Guidelines Violate Standards of Science Research", March 25, 2017. *American Council on Science and Health*.

https://www.acsh.org/news/2017/03/25/cdc-opioid-guidelines-violate-standard s-science-research-11050

Richard A. Lawhern, PhD, "How Would Opioid Prescription Guidelines Read If Pain Patients Wrote Them?" *National Pain Report*, April 10, 2017 http://nationalpainreport.com/how-would-opioid-prescription-guidelines-read-if-pain-patients-wrote-them-8833330.html

Article above is reprinted in *The Journal of Medicine* of the National College of Physicians, on April 15, 2017.

https://www.ncnp.org/journal-of-medicine/1980-the-cdcs-fictitious-opioid-epide mic-part-2.html

This piece was also introduced by *PAIN-Week* under the title "What if Prescribing Guidelines Were Patient Centered? Rethinking Public Policy for Better Patient Outcomes and Expanding CDC Guidelines" https://www.painweek.org/news_posts/what-if-prescribing-guidelines-were-patient-centered.html

Richard A Lawhern, PhD, "The CDC's Fictitious Opioid Epidemic, Part 2" *The Journal of Medicine*, US National College of Physicians, April 2017, https://www.ncnp.org/journal-of-medicine/1929-doctors-fleeing-pain-management-dumping-patients.html

Richard A. Lawhern, PhD, "Public Comment to "Training for Opioid Analgesic Prescribers – Exploring the Path Forward." FDA Workshop, Silver Spring MD, May 9, 2017

Richard A. Lawhern, PhD, "Warning to the FDA: Beware of Simple Solutions for Chronic Pain and Addiction", June 1, 2017, *National Pain Report*, June 1, 2017

http://nationalpainreport.com/warning-to-the-fda-beware-of-simple-solutions-in-chronic-pain-and-addiction-8833744.html

Richard A. Lawhern, PhD, "A Government in Disarray Over Opioid Therapeutic Use Vs. Addiction," *National Pain Report*, June 13, 2017 http://nationalpainreport.com/institutional-schizophrenia-in-the-us-government-8833851.html

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Richard A. Lawhern, PhD, "An Open Letter to the President's Commission on Combating Addiction and the Opoid Crisis: You Need to Hear a Tenth Voice". *National Pain Report*, June 21, 2017 http://nationalpainreport.com/an-open-letter-to-the-presidents-commission-on-combating-addiction-and-the-opioid-crisis-you-need-to-hear-a-tenth-voice-883 3880.html

Richard A. Lawhern, PhD, comment to "Prescribing Opioids: Balancing pain relief and addiction haunted my early days in medicine" By Jennifer Adaeze Okwerekwu, MD. STAT News, August 3, 2017 https://www.statnews.com/2017/08/03/opioids-pain-addiction-prescription/

Pat Anson, Editor, "Patient Advocates Call on Brandeis to Fire Kolodny, *Pain News Network* October 3, 2017, letter signed by Richard A. Lawhern, PhD, Andrew Tennant, MD, Aimee Chagnon, MD, Steven Henson, MD, 51 others https://www.painnewsnetwork.org/stories/2017/10/3/patient-advocates-call-on-brandeis-to-fire-kolodny

Richard A Lawhern, PhD, "Strong Patient Advocate – Richard Red Lawhern, PhD." The M.D./PhD is In, Margaret Aranda, MD, Editor, October 10, 2017, https://themdphdisin.wordpress.com/2017/10/29/strong-patient-advocate-richard-red-Lawhern-phd/

Richard A. Lawhern, PhD "Catch 22 – Denied Pain Relief and No Way Out", *National Pain Report*, October 24, 2017,

http://nationalpainreport.com/catch-22-denied-pain-relief-and-no-way-out-883 4665.html

Richard A. Lawhern, PhD, "National Policy on Drug Abuse is Fundamentally Misdirected" *Medium,* November 15, 2017,

https://medium.com/@redLawhern/national-policy-on-drug-abuse-is-fundamentally-misdirected-80f86d803010

Richard A. Lawhern, PhD "Figures Lie and Liars Figure – Why the Demographics of the So-Called Prescription Opioid Crisis Don't Work". *National Pain Report*, November 17, 2016.

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http://nationalpainreport.com/an-open-letter-to-the-senate-judiciary-committee-8835089.html

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https://thecrimereport.org/2018/01/02/chasing-the-wrong-epidemic/

Richard A. Lawhern, PhD "Criminalizing the Opioid Epidemic is No Way to Help Chronic Pain Sufferers, *The Crime Report*, January 9, 2018. https://thecrimereport.org/2018/01/09/criminalizing-the-opioid-epidemic-is-no-way-to-help-chronic-pain-sufferers/

Richard A. Lawhern, PhD "A Message to Our Legislators: Stop Your Phony War Against Pain Patients!" *I-Pain Living Magazine*, pp 42-47, . International Pain Foundation, January 2018

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Richard A. Lawhern, PhD "What is the Sound of One Hand Clapping - What Was Said or Missed in the FDA Opioid Policy Steering Committee Hearings?" *National Pain Report*, January 6, 2018

http://nationalpainreport.com/what-is-the-sound-of-one-hand-clapping-883543 6.html#comment-217104

Richard A. Lawhern, PhD "Cease, Halt, and Re-Focus", Presentation to the FDA Opioid Policy Steering Committee, January 31, 2018 Workshop on Prescribing Information – Exploring a Strategy for Implementation.

Richard A Lawhern and Michael E Schatman, "Do Alternatives to Opioids Really Exist?" *The Morning Consult*, February 16, 2018, https://morningconsult.com/opinions/do-alternatives-to-opioids-really-exist/

Richard A Lawhern, PhD "Tell Medicare to Stop Its War Against Pain Patients" *Pain News Network*, February 19, 2018,

https://www.painnewsnetwork.org/stories/2018/2/19/tell-medicare-to-stop-its-war-on-pain-patients

Richard A. Lawhern, PhD, "Sometimes the Journal of the AMA Gets It Wrong! (and so do careless journalists)", *American Council on Science and Health*, March 14, 2018.

Richard A. Lawhern, PhD "White Paper on Prescription Opioids and Chronic Pain" *Alliance for the Treatment of Intractable Pain*, April 2, 2018, https://atipusa.org/2018/04/02/atip-white-paper-on-prescription-opioids-and-chronic-pain/

Richard A Lawhern, PhD and Stephen E Nadeau, MD, "White Paper on Principles for a Revised Opioid Prescription Guideline", *Alliance for the Treatment of Intractable Pain*, April 17, 2017,

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Richard A. Lawhern, PhD "The DEA Draws a Firestorm of Criticism", *National Pain Report*, April 27, 2018.

http://nationalpainreport.com/opinion-the-dea-draws-a-firestorm-of-criticism-8836 146.html

Richard A Lawhern, Ph.D and John Alan Tucker, PhD "Analysis of US Opioid Mortality and ER Visit Data", Powerpoint Presentation, April 2018 http://face-facts.org/atip/

Richard A Lawhern, PhD "One Opioid Epidemic or Many?" *American Council on Science and Health*, May 14, 2018.

https://www.acsh.org/news/2018/05/14/one-opioid-crisis-or-many-12956

Article Reprinted by permission in *The Crime Report*, May 14, 2018, https://thecrimereport.org/2018/05/14/one-opioid-crisis-too-many/

Article cited by Jacob Sullum in "Opioid Death Rates are Not Correlated With Prescription Rates Across States", *Reason "Hit and Run"* Blog, http://reason.com/blog/2018/05/14/opioid-death-rates-are-not-correlated-wi

Richard A Lawhern, PhD "Once Again Congress Practices "Burn Before Reading", *National Pain Report*, June 9, 2018,

http://nationalpainreport.com/opinion-once-again-congress-practices-burn-before-reading-8836470.html

Richard A Lawhern, PhD and Stephen E Nadeau, MD, "Alliance Offers Patient-Centered Opioid Prescribing Recommendations", *Practical Pain Management*, June 13, 2018.

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Richard A Lawhern, PhD, "The 'Phony War' Against Opioids: Some Inconvenient Truths", *The Crime Report*, June 21, 2018. https://thecrimereport.org/2018/06/21/the-phony-war-against-opioids-some-inconvenient-truths/

Richard A. Lawhern, Ph.D. "Message to the CDC: Tear Down Your Walls of Silence" *Pain News Network*, August 20, 2018.

https://www.painnewsnetwork.org/stories/2018/8/19/message-to-cdc-tear-down-your-walls-of-silence

Richard A Lawhern, Ph.D. "Speaking Truth to Power: The CDC Must Recall and Rewrite Their 2016 Opioid Guidelines", submission to *Pain Therapeutics, Opioid Risk Management, Pharmacogenics*. Dr. Jeffrey Fudin, Editor. September 2018.

Richard A Lawhern, PhD, and Stephen E Nadeau, MD, "Understanding the Limitations of Non-Opioid Therapies in Chronic Pain", invited editorial for the October 2017 print edition, in *Practical Pain Management* https://www.practicalpainmanagement.com/resources/practice-management/behind-ahrq-report

Richard A Lawhern, Ph.D. "HHS-CMS Petition for Rule Suspension", endorsed by over 100 medical professionals and intractable pain patients and caregivers. Submitted to Centers for Medicare and Medicaid Services, November 1, 2018. Available at http://www.face-facts.org/atip/

Richard A Lawhern, Ph.D. "Opinion: The Oregon Health Authority Has it Wrong" *National Pain Report*, November 1, 2018. http://nationalpainreport.com/opinion-oregon-health-authority-has-it-wrong-88376 42.html

Richard A Lawhern, Ph.D. "Commentary to 'Opioid Withdrawal Not Deadly? Wrong", by Jeffrey E. Keller, MD, *Medpage Today*, November 1, 2018 https://www.medpagetoday.com/blogs/doing-time/7606

Beth Darnall, Ph.D., Andrea Anderson, et al, "International Stakeholder Community of Pain Experts and Leaders Call for an Urgent Action on Forced Opioid Tapering" [Endorser] *Pain Medicine*, November 29, 2018. https://academic.oup.com/painmedicine/advance-article/doi/10.1093/pm/pny228/5218985#.XABMbPuluw0.twitter

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Reprinted on National Pain Report, January 5, 2019. http://nationalpainreport.com/a-good-man-speaks-truth-to-power-8838268.html

Richard A. Lawhern, PhD, "The Left Hand Doesn't Know What the Right Hand is Doing (in the US Department of Health and Human Services". Invited article for the January 2019 edition of *I-Pain Magazine*

Richard A Lawhern, Ph.D., "A Missing Dimension in HHS Task Force Recommendations on Pain", *National Pain Report*, March 3, 2019, http://nationalpainreport.com/a-missing-dimension-in-hhs-task-force-recommendations-on-pain-8838962.html

Richard A Lawhern Ph.D., and Stephen E. Nadeau, MD, "Draft Report on Pain Management Best Practices: Updates, Gaps, Inconsistencies, and Recommendations [Pain Management Best Practices Task Force]", *Practical Pain Management*, March 10, 2019.

https://www.practicalpainmanagement.com/painscan/abstract/draft-report-pain-management-best-practices-updates-gaps-inconsistencies

Richard A Lawhern, Ph.D. "An Agonized Death That Didn't Have to Happen", *International Pain Foundation*, March17, 2019, https://internationalpain.org/an-agonized-death-that-didnt-have-to-happen/

Richard A. Lawhern, Ph.D., "Over Prescribing Did Not Cause America's Opioid Crisis", Blog of Dr Lynn Webster, Updated April 5, 2019 http://www.lynnwebstermd.com/over-prescribing/

Richard A Lawhern, Ph.D. "April Fools Day – A National Day of Pain", *National Pain Report*, March 23, 2019, http://nationalpainreport.com/april-fools-day-a-national-day-of-pain-8839272.html

Richard Lawhern, Ph.D., and Stephen E Nadeau MD, "Inside the National Institutes of Health "HEAL" Initiative Research Plan", *Pain Monitor* newsletter, at *Practical Pain Management.*

Richard A Lawhern, Ph.D. "Joint Meeting of Two FDA Advisory Committees: Are The Blind Again Leading the Blind?" *National Pain Report*, May 20, 2019

Richard A Lawhern, PhD, Stephen E Nadeau, MD, Andrea Trescot, MD, "Recommendations of the HHS Pain Management Task Force - A Response by Medical Professionals and Patient Advocates - *Practical Pain Management*, June 14 2019.

Richard A Lawhern PhD, "Stop Persecuting Doctors for Legitimately Prescribing Opioids For Chronic Pain", *STAT First Opinion*, June 28, 2019, https://www.statnews.com/2019/06/28/stop-persecuting-doctors-legitimately-prescribing-opioids-chronic-pain/

Richard A. Lawhern PhD, "Time for Congress to Clean Up Its Mess", *National Pain Report*, July 1, 2019,

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Richard A Lawhern PhD, "Public Response to Federal Register Doc 2019-15952 – [Ensuring Patient Access and Effective Drug Enforcement Act" of 2016 (EPAEDEA) August 2019.

http://face-facts.org/Lawhern/obstacles-to-patient-access-to-controlled-substance s-and-needed-legislative-remedies/

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Richard A Lawhern PhD, "A Nation in Pain Appeals to Legislators – Stop the Anti-Opioid Madness". Legislative Staff Briefing with constituent presentation script, August 2019.

Richard A Lawhern PhD and Andrea Trescot, MD, "Request for Information for the Development of a CMS Action Plan to Prevent Opioid Addiction and Enhance Access to Medication-Assisted Treatment -- A Response" Paper prepared for US HHS/CMS, September 2019 [posted to *LinkedIn*]

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Ed Coghlan, "Is Chronic Pain Undertreated and Underrepresented? An Advocate Says Yes." [extensive quotations from a public comment to an FDA request for stakeholder input on research priorities to serve minority and under-served populations]. *National Pain Report*. April 30, 2020. http://nationalpainreport.com/is-chronic-pain-undertreated-and-underrepresented-an-advocate-says-yes-8844560.html

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The Doctor Peter Breggin Hour – Progressive Radio Network, March 27, 2016. http://prn.fm/the-dr-peter-breggin-hour-04-27-16/

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PRESENTATIONS and HEARINGS

"Beware of Simple Solutions" US FDA Workshop on Training Health Care Providers on Pain Management and Safe Use of Opioid Analgesics—Exploring the Path Forward, May 9, 2017, Bethesda MD.

"Chasing the Wrong Opioid Epidemic", US FDA Opioid Policy Steering Committee, Silver Spring MD, January 30, 2018. https://www.fda.gov/NewsEvents/MeetingsConferencesWorkshops/ucm58354
3.htm [See second presentation of Segment 1, Webcast]

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"An Agenda for Best Practices in Pain Management", US HHS Interagency Task Force on Best Practices in Pain Management Washington DC, May 31, 2018. Pain Management Task Force – YouTube

"Prepared Remarks for the Second Meeting of the HHS Inter Agency Task Force on Best Practices in Pain Management," September 25, 2018, Washington DC. Video available at http://www.face-facts.org/atip/

"Matt Connarton Unleashed" Interview on broadcast radio and webcast, November 28, 2018,

https://www.spreaker.com/user/ipmnation/matt-connarton-unleashed-11-28-18?fbclid=lwAR1tF_kBmHeJJ6GCvLEdVgeatvbSST4kh8MAg7pL6zB05A-M8YVceuAaFhE

"Prepared Remarks for the Third Meeting of the HHS Inter Agency Task Force on Best Practices in Pain Management," September 22, 2018, Washington DC. Video available at http://www.face-facts.org/atip/

Richard A Lawhern and Wayne Phimister, MD, "Changing the Narrative of Pain Management and the Outlook of Opioids". Apple Podcasts, August 2019.

https://podcasts.apple.com/us/podcast/changing-narrative-pain-management-outlook-opioids/id1360477037?i=1000450638425

Richard A Lawhern, PhD, "Over Prescribing Did Not Create the Opioid Crisis". Short Presentation to the Board of Scientific Counselors of the US Center for Injury Prevention and Control, December 4, 2019 meeting, Atlanta GA, (by dial-in).

Marilyn Striker and Richard A Lawhern, PhD, KOGO San Diego News Radio, "How the Opioid Crisis is Killing People Who Need More Opioids Than Allowed". Audio interview, December 14, 2019

https://kogo.iheart.com/content/2020-01-10-a-san-diego-woman-suffering-from-opioid-deprivation-gets-a-reprieve/

Jeffrey Singer MD, Kate Nicholson JD, Richard A Lawhern PhD, and Andrea Trescot, MD, "Don't Forget People In Pain – War on Opioids and Chronic Pain Patients During Covid-19" panel discussion at *Cato Institute* (Cato Events) May 20, 2020

https://www.youtube.com/watch?v=UB6QLA8TgjA&feature=share&fbclid=lwAR1Uw-7kYGFMaMn-EnYiG9PEwnpSJg2U3kikVPZpDXTWy4n83MqW3LFvAY8

Richard A Lawhern, PhD, "What If Opioid Prescribing Guidelines Were Patient Centered? - An Update -", International Conference on Pain Management: Issues, Challenges & Treatment -- Webinar, July 10, 2020, Extended Abstract available at

https://online.fliphtml5.com/uxfiv/hcrj/?fbclid=lwAR2l--SE404uCfqcPtOvu3ZuSL9GGbqm9srmXYl0NlidGTvID10avBmNXE4#p=1

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Richard A Lawhern PhD, Stephen E Nadeau MD, and Andrea Trescot MD, "Point Paper on Revised Practice Standards for Prescription of Opioids", International Conference on Pain Management: Issues, Challenges & Treatment -- Webinar, July 10, 2020, Extended Abstract available at https://online.fliphtml5.com/uxfiv/hcrj/?fbclid=lwAR2l--SE404uCfqcPtOvu3ZusL9GGbgm9srmXYI0NlidGTvID10avBmNXE4#p=1

Richard A Lawhern PhD, "The Opioid Crisis in Three Charts". Briefing and script prepared for local presentation at the June 24, 2021 Town Hall Meeting of St John's County Florida, themed "Have the Opioid Talk".

Richard A Lawhern, Stephen E Nadeau, and Andrea Trescot, "Comments to the Colorado Department of Regulatory Agencies "Guidelines for the Safe Prescribing and Dispensing of Opioids," August 2021, available at http://www.face-facts.org/Lawhern.

Richard A Lawhern and Jay Joshi, MD, "A Conversation with Dr. Red Lawhern" *Daily Remedy,* October 10, 2021

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PENDING PUBLICATION

Steven E Nadeau MD and Richard A Lawhern PhD, "Treatment of Chronic Pain – A Framework", [14,500 words, 139 references, submitted for editorial and peer review January 2022]

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